ANSI STANDARDS ACTION

PUBLISHED WEEKLY BY THE AMERICAN NATIONAL STANDARDS INSTITUTE 25 West 43rd Street, NY, NY 10036

VOL. 49, #4 *January 26, 2018*

Contents

American National Standards

Call for comment on proposals listed

This section solicits public comments on proposed draft new American National Standards, including the national adoption of ISO and IEC standards as American National Standards, and on proposals to revise, reaffirm or withdraw approval of existing American National Standards. A draft standard is listed in this section under the ANSI-accredited standards developer (ASD) that sponsors it and from whom a copy may be obtained. Comments in connection with a draft American National Standard must be submitted in writing to the ASD no later than the last day of the comment period specified herein. Such comments shall be specific to the section(s) of the standard under review and include sufficient detail so as to enable the reader to understand the commenter's position, concerns and suggested alternative language, if appropriate. Please note that the ANSI Executive Standards Council (ExSC) has determined that an ASD has the right to require that interested parties submit public review comments electronically, in accordance with the developer's procedures.

Ordering Instructions for "Call-for-Comment" Listings

1. **Order from the organization indicated for the specific proposal.**
2. **Use the full identification in your order, including the BSR prefix; for example, Electric Fuses BSR/SAE J554.**
3. **Include remittance with all orders.**
4. **BSR proposals will not be available after the deadline of call for comment.**

Comments should be addressed to the organization indicated, with a copy to the Board of Standards Review, American National Standards Institute, 25 West 43rd Street, New York, NY 10036. Fax: 212-840-2298; e-mail: psa@ansi.org

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: February 25, 2018

AISI (American Iron and Steel Institute)

Revision

BSR/AISI S908-201x, Test Standard for Determining the Flexural Strength Reduction Factor of Purlins Supporting a Standing Seam Roof System (revision of ANSI/AISI S908-2013)

The purpose of this test Standard is to provide a method to obtain the reduction factor for use in determining the nominal flexural strength [resistance] of a purlin supporting a standing seam roof system.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Helen Chen; hchen@steel.org

NSF (NSF International)

Revision

BSR/NSF 50-201x (i111r2), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

This Standard covers materials, components, products, equipment, and systems, related to public and residential recreational water facility operation.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Jason Snider, (734) 418-6660, jsnider@nsf.org

NSF (NSF International)

Revision

BSR/NSF 61-201x (i138), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2017)

This Standard establishes minimum health effects requirements for the chemical contaminants and impurities that are indirectly imparted to drinking water from products, components, and materials used in drinking water systems. This Standard does not establish performance, taste and odor, or microbial growth support requirements for drinking water system products, components, or materials.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Monica Leslie, mleslie@nsf.org

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 62841-3-13-201x, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-13 Particular Requirements for Transportable Drills (national adoption with modifications of IEC 62841-3-13)

This proposal for UL 62841-3-13 covers: (1) Proposed adoption of the first edition of IEC 62841-3-13, Standard For Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-13: Particular Requirements for Transportable Drills, as the first edition of UL 62841-3-13.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Beth Northcott, (847) 664-3198, Elizabeth.Northcott@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 746A-201x, Standard for Safety for Polymeric Materials Short Term Property Evaluations (revision of ANSI/UL 746A-2017)

This proposal for UL 746A covers the following topics: (a) Inclusion of Sample Conditioning Requirement for Inclined Plane Tracking Test in Paragraph 26.3 and (b) Revision of Requirements of the Microscale Combustion Calorimetry Test in Section 48A.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Derrick Martin, (510) 319-4271, Derrick.L.Martin@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1206-201X, Standard for Safety for Electric Commercial Clothes-Washing Equipment (Proposal dated 1-26-18) (revision of ANSI/UL 1206-2017)

This proposal includes clarification of endurance cycles for control devices.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Ross Wilson, (919) 549-1511, Ross.Wilson@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1240-201X, Standard for Safety for Electric Commercial Clothes-Drying Equipment (Proposal dated 1-26-18) (revision of ANSI/UL 1240-2017)

This proposal includes clarification of endurance cycles for control devices

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Ross Wilson, (919) 549-1511, Ross.Wilson@ul.com

Comment Deadline: March 12, 2018

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI ST24-1999 (R201x), Automatic, general-purpose ethylene oxide sterilizers and ethylene oxide sterilant sources intended for use in health care facilities (reaffirmation of ANSI/AAMI ST24-1999 (R2013))

This standard covers minimum labeling, safety, performance, and testing requirements for ethylene oxide sterilizers that are intended for general-purpose use in health care facilities and that have automatic controls. It also covers labeling, product composition, and container requirements for ethylene oxide sterilant sources, as well as labeling, performance, safety, and installation requirements for ethylene oxide emission control systems.

Single copy price: $84.00 (AAMI members); $148.00 (list)

Obtain an electronic copy from: http://my.aami.org/store/detail.aspx?id=ST24-PDF

Order from: http://my.aami.org/store/detail.aspx?id=ST24-PDF

Send comments (with copy to psa@ansi.org) to: abenedict@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI ST58-2013 (R201x), Chemical sterilization and high-level disinfection in health care facilities (reaffirmation of ANSI/AAMI ST58-2013)

This standard provides guidelines for the selection and use of liquid chemical sterilants (LCSs)/high-level disinfectants (HLDs) and gaseous chemical sterilizers that have been cleared for marketing by the U.S. Food and Drug Administration for use in hospitals and other healthcare facilities. Included within the scope of this standard are functional and physical design criteria; staff qualifications and education; criteria for selecting LCSs/HLDs and gaseous chemical sterilizers; safety and efficacy considerations in the use; quality control methods; and quality process improvement.

Single copy price: $153.00 (AAMI members); $258.00 (list)

Obtain an electronic copy from: http://my.aami.org/store/detail.aspx?id=ST58-PDF

Order from: http://my.aami.org/store/detail.aspx?id=ST58-PDF

Send comments (with copy to psa@ansi.org) to: abenedict@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI ST65-2008 (R201x), Processing of reusable surgical textiles for use in health care facilities (reaffirmation of ANSI/AAMI ST65-2008 (R2013))

This recommended practice provides guidelines for the proper handling, processing, and preparation of reusable surgical textiles either on-site or off-site for use in health care facilities. This recommended practice specifically addresses design criteria for functional work areas; staff qualifications, education, training, dress codes, and other personnel considerations; receiving and handling of soiled surgical textiles; laundry processing considerations; transport of both soiled and clean surgical textiles; installation, care, and maintenance of laundry equipment; quality control; and regulatory considerations.

Single copy price: $125.00 (AAMI members); $222.00 (list)

Obtain an electronic copy from: http://my.aami.org/store/detail.aspx?id=ST65-PDF

Order from: http://my.aami.org/store/detail.aspx?id=ST65-PDF

Send comments (with copy to psa@ansi.org) to: abenedict@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI ST77-2013 (R201x), Containment devices for reusable medical device sterilization (reaffirmation of ANSI/AAMI ST77-2013)

This standard covers minimum labeling and performance requirements for rigid sterilization container systems and for instrument organizers.

Single copy price: $84.00 (AAMI members); $148.00 (list)

Obtain an electronic copy from: http://my.aami.org/store/detail.aspx?id=ST77-PDF

Order from: http://my.aami.org/store/detail.aspx?id=ST77-PDF

Send comments (with copy to psa@ansi.org) to: abenedict@aami.org

AGMA (American Gear Manufacturers Association)

Revision

BSR/AGMA 6025-EXX-201x, Sound for Enclosed Helical, Herringbone and Spiral Bevel Gear Drives (revision and redesignation of ANSI/AGMA 6025-E201x)

The standard describes a recommended method of acceptance testing and reporting of the sound power or sound pressure levels generated by a gear unit when tested at the manufacturer's facility.

Single copy price: $90.00 (non-members); $45.00 (AGMA members)

Obtain an electronic copy from: tech@agma.org

Order from: Amir Aboutaleb, (703) 684-0211, tech@agma.org

Send comments (with copy to psa@ansi.org) to: Same

AISC (American Institute of Steel Construction)

Revision

BSR/AISC N690-201x, Specification for Safety-Related Steel Structures for Nuclear Facilities (revision, redesignation and consolidation of)

This standard applies to the design of safety-related steel structures and steel elements in nuclear facilities. Structures and structural elements subject to this standard are those steel structures that are part of a safety-related system or that support, house, or protect safety-related systems or components, the failure of which would impair the safety-related functions of these systems or components.

Single copy price: $35.00

Obtain an electronic copy from: www.aisc.org/publicreview

Order from: Rachel Jordan; jordan@aisc.org

Send comments (with copy to psa@ansi.org) to: Cynthia Duncan; duncan@aisc.org

ANS (American Nuclear Society)

Reaffirmation

BSR/ANS 15.1-2007 (R201x), The Development of Technical Specifications for Research Reactors (reaffirmation of ANSI/ANS 15.1-2007 (R2013))

This standard identifies and establishes the content of technical specifications for research reactors. Areas addressed are: Definitions, Safety Limits, Limiting Safety System Settings, Limiting Conditions for Operation, Surveillance Requirements, Design Features, and Administrative Controls, Sufficient detail is incorporated so that applicable specifications can be derived or extracted.

Single copy price: $105.00

Obtain an electronic copy from: scook@ans.org

Order from: scook@ans.org

Send comments (with copy to psa@ansi.org) to: pschroeder@ans.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B31.1-201x, Power Piping (revision of ANSI/ASME B31.1-2016)

This code prescribes minimum requirements for the design, materials, fabrication, erection, test, and inspection of power and auxiliary service piping systems for electric generation station, industrial and institutional plants, central and district heating plants, and district heating systems.

Single copy price: Free

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Umberto D'Urso, (212) 591-8535, dursou@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME CSD-1-201x, Controls and Safety Devices for Automatically Fired Boilers (revision of ANSI/ASME CSD-1-2015)

The rules of this Standard cover requirements for the assembly, installation, maintenance, and operation of controls and safety devices on automatically operated boilers directly fired with gas, oil, gas-oil, or electricity.

Single copy price: Free

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Carlton Ramcharran, (212) 591-7955, ramcharranc@asme.org

ASSE (ASC A10) (American Society of Safety Engineers)

Revision

BSR ASSE A10.8-201x, Scaffolding Safety Requirements (revision of ANSI ASSE A10.8-2011)

This standard establishes safety requirements for the construction, operation, maintenance, and use of scaffolds used in the construction, alteration, demolition, and maintenance of buildings and structures.

Single copy price: $80.00

Obtain an electronic copy from: lbauerschmidt@asse.org

Order from: Lauren Bauerschmidt, (847) 768-3475, lbauerschmidt@asse.org

Send comments (with copy to psa@ansi.org) to: Same

CSA (CSA Group)

Reaffirmation

BSR Z21.42-2013 (R201x), Gas-Fired Illuminating Appliances (reaffirmation of ANSI Z21.42-2013)

Details test and examination criteria for illuminating appliances for use with natural gas, manufactured gas, mixed gas, and liquefied petroleum gases for indoor or outdoor installations.

Single copy price: Free

Obtain an electronic copy from: cathy.rake@csagroup.org

Send comments (with copy to psa@ansi.org) to: cathy.rake@csagroup.org

CSA (CSA Group)

Reaffirmation

BSR/CSA LC 6-2008 (R201x), Natural Gas-Operated Diaphragm Pumps (reaffirmation of ANSI/CSA LC 6-2008 (R2013))

Details tests and examination criteria for natural gas-operated diaphragm pumps that use natural gas as the working fluid. Applies to diaphragm pumps with a rated inlet pressure not exceeding 125 psi.

Single copy price: Free

Obtain an electronic copy from: cathy.rake@csagroup.org

Send comments (with copy to psa@ansi.org) to: cathy.rake@csagroup.org

CSA (CSA Group)

Withdrawal

ANSI Z21.61-1983 (R2017), Standard for Gas-Fired Toilets (withdrawal of ANSI Z21.61-1983 (R2017))

Details test and examination criteria for gas-fired toilets for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures.

Single copy price: Free

Obtain an electronic copy from: cathy.rake@csagroup.org

Order from: Cathy Rake, (216) 524-4990 x88321, cathy.rake@csagroup.org

Send comments (with copy to psa@ansi.org) to: cathy.rake@csagroup.org

ECIA (Electronic Components Industry Association)

Revision

BSR/EIA 364-31F-201x, Humidity Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-31E-2017)

The purpose of these tests is to evaluate materials and/or connector/socket assemblies as they are impacted by the effects of high humidity and heat. These tests are intended to be noncondensing.

Single copy price: $80.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to psa@ansi.org) to: Ed Mikoski (emikoski@ecianow.org)

ECIA (Electronic Components Industry Association)

Revision

BSR/EIA 364-1000B-201x, Environmental Test Methodology for Assessing the Performance of Electrical Connectors and Sockets Used in Controlled Environment Applications (revision and redesignation of ANSI/EIA 364-1000-A-2016)

This document is intended for use in all electronic components, supplies, and equipment applications. This standard is recommended for use by authorized distributors purchasing and selling electronic components, supplies, and equipment. The requirements of this standard are generic and intended to be applied to organizations that procure electronic components, supplies, and equipment.

Single copy price: $60.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to psa@ansi.org) to: Edward Mikoski (emikoski@ecianow.org)

ESTA (Entertainment Services and Technology Association)

Revision

BSR E1.46-201x, Standard for the Prevention of Falls from Theatrical Stages and Raised Performance Platforms (revision of ANSI E1.46-2016)

The users of theatrical stages and raised platforms can suffer debilitating injuries from falls into orchestra pits, open stage lifts, and similar openings in stage floors. Health and safety regulations require action to prevent these falls, but offer little guidance that is suitable for theatrical environments. This document provides that guidance. The consensus body has decided to revise the existing ANSI E1.46-2016 standard due to recent changes in 29 CFR 1910 subpart D.

Single copy price: Free

Obtain an electronic copy from: http://tsp.esta.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, standards@esta.org

Send comments (with copy to psa@ansi.org) to: standards@esta.org

GTESS (Georgia Tech Energy & Sustainability Services)

Revision

BSR/MSE 50021-201x, Superior Energy Performance (TM) - Additional Requirements for Energy Management Systems (revision of ANSI/MSE 50021-2016)

MSE 50021 specifies additional requirements (beyond ISO 50001) for organizations seeking Superior Energy Performance Certification. Contents to include Scope, Terms and Definitions, and Requirements.

Single copy price: N/A

Obtain an electronic copy from: Moon.Kim@gtri.gatech.edu

Send comments (with copy to psa@ansi.org) to: Moon.Kim@gtri.gatech.edu

IIAR (International Institute of Ammonia Refrigeration)

New Standard

BSR/IIAR 9-201X, Standard for Recognized and Generally Accepted Good Engineering Practices (RAGAGEP) for Existing Closed-Circuit Ammonia Refrigeration Systems (new standard)

This standard is to provide the methodology to evaluate, establish, and document the minimum recognized and generally accepted good engineering practices (RAGAGEP) applicable to new and existing closed-circuit ammonia refrigeration systems.

Single copy price: $Available for free during Public Review

Obtain an electronic copy from: tony_lundell@iiar.org

Order from: Tony Lundell, (703) 312-4200, tony_lundell@iiar.org

Send comments (with copy to psa@ansi.org) to: Same

ISEA (International Safety Equipment Association)

New Standard

BSR/ISEA 203-201x, Secondary Single-Use Flame Resistant Protective Clothing for Use Over Primary Flame Resistant Protective Clothing (new standard)

This standard establishes minimum performance and labeling requirements for secondary single-use flame-resistant protective clothing. Such clothing is designed for use in industrial settings where flame hazards may exist and such clothing will not negatively impact the thermal performance afforded by the primary flame-resistant protective clothing worn underneath. Protective clothing covered by this standard includes items such as, but not limited to, encapsulating suits, coveralls, jackets, pants, lab coats, aprons, and sleeves.

Single copy price: $60.00

Obtain an electronic copy from: cfargo@safetyequipment.org

Send comments (with copy to psa@ansi.org) to: cfargo@safetyequipment.org

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

BSR/TAPPI T 419 om-201x, Starch in paper (new standard)

This method describes the qualitative and the quantitative determination of unmodified starches and starches modified only by conventional oxidation techniques or enzyme conversion, which are used for beater addition or surface sizing.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Laurence Womack, (770) 209-7276, standards@tappi.org

Send comments (with copy to psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

Reaffirmation

BSR/TAPPI T 212 om-2012 (R201x), One percent sodium hydroxide solubility of wood and pulp (reaffirmation of ANSI/TAPPI T 212 om-2012)

This method for determination of 1% sodium hydroxide solubility can be applied to wood and to unbleached and bleached pulp.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Laurence Womack, (770) 209-7276, standards@tappi.org

Send comments (with copy to psa@ansi.org) to: Same

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 61010-2-201-201x, Standard for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-201: Particular Requirements for Control Equipment (national adoption of IEC 61010-2-201 with modifications and revision of ANSI/UL 61010-2-201-2017)

This proposal covers the adoption of IEC 61010-2-201:2017, Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 2-201: Particular Requirements for Control Equipment, as a new IEC-based UL standard, UL 61010-2-201 with U.S. differences.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.shopulstandards.com

Order from: comm2000, 151 Eastern Avenue, Bensenville, IL 60106 USA, 1-888-853-3503

Send comments (with copy to psa@ansi.org) to: Derrick Martin, (510) 319-4271, Derrick.L.Martin@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 110-201x, Standard for Sustainability for Mobile Phones (revision of ANSI/UL 110-2017)

Proposals including (1) editorial changes, clarifications, non-controversial proposals, and proposals with strong support from the STP; (2) substitutions assessment; (3) restrictions of extractable nickel; (4) restriction of phthalates; (5) ease of disassembling mobile phone; (6) change in point values related to screw head design and percentage of recyclable fiber-based packaging materials; (7) separability and labeling of plastics in packaging; (8) change in points criteria for environmentally preferable packaging; (9) environmentally preferable fiber-based printed materials; and (10) reducing fluorinated gas emissions as a percentage of revenue.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Barbara Davis, (510) 319 -4233, Barbara.J.Davis@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1569-201X, Standard for Safety for Metal-Clad Cables (Proposals dated 1/26/18) (revision of ANSI/UL 1569-2016)

Proposed fifth edition of the Standard for Metal-Clad Cables.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Linda Phinney, (510) 319 -4297, Linda.L.Phinney@ul.com

Comment Deadline: March 27, 2018

Reaffirmations and withdrawals available electronically may be accessed at: webstore.ansi.org

ACCT (Association for Challenge Course Technology)

Revision

BSR/ACCT 03-201x, Challenge Courses and Canopy/Zip Line Tours Standard (revision of ANSI/ACCT 03-2016)

Included are standards for facilities used for any purpose including amusement, recreation, team development, therapy, or education. Challenge courses now have three distinct operating methodologies: facilitated (such as traditional Ropes and Challenge Courses), guided (such as Canopy and Zip Line Tours), or self-guided and monitored (such as Aerial Adventure/Trekking Parks).

Single copy price: Draft Standard is available free of charge

Obtain an electronic copy from: Joyce Weaver, standardsmanagement@acctinfo.org

Send comments (with copy to psa@ansi.org) to: Joyce Weaver, standardsmanagement@acctinfo.org

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 61215-1-2-201x, Standard for Safety for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules (national adoption with modifications of IEC 61215-1-2)

This proposal for UL 61215-1-2 covers: (1) First edition of the UL IEC-based Standard for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-2: Special requirements for testing of thin-film cadmium telluride (CdTe)-based photovoltaic (PV) modules, UL 61215-1-2, with no US national differences.

Single copy price: Contact UL Standards Sales for pricing and delivery options

Obtain an electronic copy from: http://www.shopulstandards.com

Order from: UL Standards Sales

Send comments (with copy to psa@ansi.org) to: Susan Malohn, (847) 664 -1725, Susan.P.Malohn@ul.com

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 61215-1-3-201x, Standard for Safety for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules (national adoption with modifications of IEC 61215-1-3)

This proposal for UL 61215-1-3 covers: (1) First edition of the UL IEC-based Standard for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-3: Special requirements for testing of thin-film amorphous silicon-based photovoltaic (PV) modules, UL 61215-1-3, with no US national differences.

Single copy price: Contact UL Standards Sales for pricing and delivery options

Obtain an electronic copy from: http://www.shopulstandards.com

Order from: UL Standards Sales

Send comments (with copy to psa@ansi.org) to: Susan Malohn, (847) 664 -1725, Susan.P.Malohn@ul.com

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 61215-1-4-201x, Standard for Safety for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-4: Special requirements for testing of thin-film CU(In,GA)(S,Se) Based photovoltaic (PV) modules (national adoption with modifications of IEC 61215-1-4)

This proposal for UL 61215-1-4 covers: (1) First edition of the UL IEC-based Standard for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-4: Special requirements for testing of thin-film Cu(In, Ga)(S,Se)-based photovoltaic (PV) modules, UL 61215-1-4, with no US national differences.

Single copy price: Contact UL Standards Sales for pricing and delivery options

Obtain an electronic copy from: http://www.shopulstandards.com

Order from: UL Standards Sales

Send comments (with copy to psa@ansi.org) to: Susan Malohn, (847) 664 -1725, Susan.P.Malohn@ul.com

Projects Withdrawn from Consideration

An accredited standards developer may abandon the processing of a proposed new or revised American National Standard or portion thereof if it has followed its accredited procedures. The following projects have been withdrawn accordingly:

ASTM (ASTM International)

BSR/ASTM WK56615-201x, New Specification for Polyethylene (PE) Fabricated Pressure Pipe Bends (Elbows) Conveying Liquid Hydrocarbons and/or Natural Gas for Gathering and Distribution, in Nominal Iron Pipe Diameters (IPS) 4 inch to 36 inch, Manufactured by Heat Fusion Joining Gore-Pipe Miter-Cut Segments, or by Machining, or by Malleable Thermo-Bending (new standard)

Inquiries may be directed to Corice Leonard, (610) 832-9744, accreditation@astm.org

CTA (Consumer Technology Association)

BSR/CTA 679-C-200x, National Renewable Security Standard (new standard)

CTA (Consumer Technology Association)

BSR/CTA 2044-201x, Video Advertising Units (new standard)

30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

HPS (ASC N43) (Health Physics Society)

ANSI N43.7-2007, Self Contained, Dry Source Storage Irradiators (Category I)

LIA (ASC Z136) (Laser Institute of America)

ANSI Z136.7-2008, American National Standard for Testing and Labeling of Laser Protective Equipment

TIA (Telecommunications Industry Association)

ANSI/TIA 455-239-2007, FOTP-239 - Fiber Optic Splice Loss Measurement Methods

TIA (Telecommunications Industry Association)

ANSI/TIA 604-5-D-2007, FOCIS 5, Fiber Optic connector Intermateability Standard, Type MPT

TIA (Telecommunications Industry Association)

ANSI/TIA 637-C-1[E]-2007, Short Message Services (SMS) for Wideband Spread Spectrum Systems - Release C Addendum 1

Call for Members (ANS Consensus Bodies)

Directly and materially affected parties who are interested in participating as a member of an ANS consensus body for the standards listed below are requested to contact the sponsoring standards developer directly and in a timely manner.

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N. Fairfax Dr., Suite 301
Arlington, VA 22203

Contact: *Amanda Benedict*

Phone: (703) 253-8284

Fax: (703) 276-0793

E-mail: abenedict@aami.org

BSR/AAMI ST58-2013 (R201x), Chemical sterilization and high-level disinfection in health care facilities (reaffirmation of ANSI/AAMI ST58 -2013)

BSR/AAMI ST65-2008 (R201x), Processing of reusable surgical textiles for use in health care facilities (reaffirmation of ANSI/AAMI ST65-2008 (R2013))

BSR/AAMI ST77-2013 (R201x), Containment devices for reusable medical device sterilization (reaffirmation of ANSI/AAMI ST77-2013)

BSR/AAMI ST24 (R201x), Automatic, general-purpose ethylene oxide sterilizers and ethylene oxide sterilant sources intended for use in health care facilities (reaffirmation of ANSI/AAMI ST24-1999 (R2013))

ASA (ASC S2) (Acoustical Society of America)

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BSR ASA S2.25-201x, Guide for the Measurement, Reporting, and Evaluation of Hull and Superstructure Vibration in Ships (revision of ANSI ASA S2.25-2004 (R2014))

ASSE (ASC A10) (American Society of Safety Engineers)

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Park Ridge, IL 60068

Contact: *Lauren Bauerschmidt*

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BSR ASSE A10.8-201x, Scaffolding Safety Requirements (revision of ANSI ASSE A10.8-2011)

AWS (American Welding Society)

Office: 8669 NW 36th Street, #130
Miami, Florida 33166-6672

Contact: *Annik Babinski*

Phone: (800) 443-9353

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E-mail: ababinski@aws.org

BSR/AWS D17.1/D17.1M-201x, Specification for Fusion Welding for Aerospace Applications (revision of ANSI/AWS D17.1/D17.1M-2017 - AMD1)

ECIA (Electronic Components Industry Association)

Office: 2214 Rock Hill Road
Suite 265
Herndon, VA 20170-4212

Contact: *Laura Donohoe*

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BSR/EIA 364-31F-201x, Humidity Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364 -31E-2017)

BSR/EIA 364-1000B-201x, Environmental Test Methodology for Assessing the Performance of Electrical Connectors and Sockets Used in Controlled Environment Applications (revision and redesignation of ANSI/EIA 364-1000-A-2016)

IIAR (International Institute of Ammonia Refrigeration)

Office: 1001 North Fairfax Street
Alexandria, VA 22314

Contact: *Tony Lundell*

Phone: (703) 312-4200

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E-mail: tony_lundell@iiar.org

BSR/IIAR 9-201X, Standard for Recognized and Generally Accepted Good Engineering Practices (RAGAGEP) for Existing Closed-Circuit Ammonia Refrigeration Systems (new standard)

NEMA (ASC C8) (National Electrical Manufacturers Association)

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Rosslyn, VA 22209

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BSR ICEA T-31-610-201x, Test Method for Conducting Longitudinal Water Penetration Resistance Tests on Blocked Conductors (new standard)

BSR ICEA T-34-664-201x, Test Method for Conducting Longitudinal Water Penetration Resistance Tests on Longitudinal Water Blocked Cables (revision of ANSI ICEA T-34-664-2014)

NSF (NSF International)

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Ann Arbor, MI 48105-9723

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E-mail: jsnider@nsf.org

BSR/NSF 50-201x (i111r2), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

BSR/NSF 61-201x (i138), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2017)

BSR/NSF 487-201x, Electronic Products Sustainability Standard - Common Criteria (new standard)

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Drive
Research Triangle Park, NC 27709-3995

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Phone: (919) 549-1511

Fax: (631) 271-6200

E-mail: Ross.Wilson@ul.com

BSR/UL 1206-201X, Standard for Safety for Electric Commercial Clothes-Washing Equipment (Proposal dated 1-26-18) (revision of ANSI/UL 1206-2017)

BSR/UL 1240-201X, Standard for Safety for Electric Commercial Clothes-Drying Equipment (Proposal dated 1-26-18) (revision of ANSI/UL 1240-2017)

Call for Members (ANS Consensus Bodies)

Call for Committee Members

U.S. TAG to JTC 1/SC 34, Document Description and Processing Languages

The National Information Standards Organization (NISO) was appointed to be the U.S. Technical Advisory Group for the ISO/IEC/JTC 1/SC34, Document description and processing languages. This international technical committee is concerned with standardization in the field of document structures, languages, and related facilities for the description and processing of compound and hypermedia documents.

NISO is currently seeking to extend the membership base of the U.S. TAG to JTC 1/SC 34 and is interested in new members to participate on the TAG, including voting on draft ISO standards and documents. Of particular interest is membership from government, academia, information producers, and user communities. Membership and participation in NISO activities is open to all directly and materially affected organizations as defined in NISO's procedures and that are domiciled in the United States. More information is available at http://www.niso.org or by e-mail from Betsy Fanning at fanningba@hotmail.com.

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1 – Safety Requirements for Woodworking Machinery

Are you interested in contributing to the development and maintenance of valuable industry safety standards? The ASC O1 is currently looking for members in the following categories:

- General Interest
- Government
- Producer
- User

If you are interested in joining the ASC O1, contact WMMA Associate Director Jennifer Miller at jennifer@wmma.org.

Final Actions on American National Standards

The standards actions listed below have been approved by the ANSI Board of Standards Review (BSR) or by an ANSI-Audited Designator, as applicable.

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

ANSI/AAMI ST41-2008 (R2018), Ethylene oxide sterilization in health care facilities: Safety and effectiveness (reaffirmation of ANSI/AAMI ST41-2008 (R2012)): 1/16/2018

ASA (ASC S3) (Acoustical Society of America)

Reaffirmation

ANSI ASA S3.36-2012 (R2018), Specification for a Manikin for Simulated In-Situ Airborne Acoustic Measurements (reaffirmation of ANSI ASA S3.36-2012): 1/17/2018

ASABE (American Society of Agricultural and Biological Engineers)

Reaffirmation

ANSI/ASABE S608-2008 (R2017), Headlamps for Agricultural Equipment (reaffirmation of ANSI/ASABE S608-2008 (R2013)): 12/29/2017

ASME (American Society of Mechanical Engineers)

Revision

ANSI/ASME B30.29-2018, Self-Erecting Tower Cranes (revision of ANSI/ASME B30.29-2012): 1/17/2018

ASTM (ASTM International)

New Standard

ANSI/ASTM E207-2017, Test Method for Thermal EMF Test of Single Thermoelement Materials by Comparison with a Reference Thermoelement of Similar EMF-Temperature Properties (new standard): 12/26/2017

ANSI/ASTM E220-2017, Test Method for Calibration of Thermocouples by Comparison Techniques (new standard): 12/26/2017

ANSI/ASTM E235-2017, Specification for Thermocouples, Sheathed, Type K and Type N, for Nuclear or for Other High-Reliability Applications (new standard): 12/26/2017

ANSI/ASTM E452-2017, Test Method for Calibration of Refractory Metal Thermocouples Using a Radiation Thermometer (new standard): 12/26/2017

ANSI/ASTM E574-2017, Specification for Duplex, Base Metal Thermocouple Wire With Glass Fiber or Silica Fiber Insulation (new standard): 12/26/2017

ANSI/ASTM E601-2017, Guide for Measuring Electromotive Force (emf) Stability of Base-Metal Thermoelement Materials with Time in Air (new standard): 12/26/2017

ANSI/ASTM E608-2017, Specification for Mineral-Insulated, Metal-Sheathed Base Metal Thermocouples (new standard): 12/26/2017

ANSI/ASTM E696-2017, Specification for Tungsten-Rhenium Alloy Thermocouple Wire (new standard): 12/26/2017

ANSI/ASTM E780-2017, Test Method for Measuring the Insulation Resistance of Mineral-Insulated, Metal-Sheathed Thermocouples and Mineral-Insulated, Metal-Sheathed Cable at Room Temperature (new standard): 12/26/2017

ANSI/ASTM E839-2017, Test Methods for Sheathed Thermocouples and Sheathed Thermocouple Cable (new standard): 12/26/2017

ANSI/ASTM E1129-2017, Specification for Thermocouple Connectors (new standard): 12/26/2017

ANSI/ASTM E1159-2017, Specification for Thermocouple Materials, Platinum-Rhodium Alloys, and Platinum (new standard): 12/26/2017

ANSI/ASTM E1350-2017, Guide for Testing Sheathed Thermocouples, Thermocouples Assemblies, and Connecting Wires Prior to, and After Installation or Service (new standard): 12/26/2017

ANSI/ASTM E1652-2017, Specification for Magnesium Oxide and Aluminum Oxide Powder and Crushable Insulators Used in the Manufacture of Base Metal Thermocouples, Metal-Sheathed Platinum Resistance Thermometers, and Noble Metal Thermocouples (new standard): 12/26/2017

ANSI/ASTM E1684-2017, Specification for Miniature Thermocouple Connectors (new standard): 12/26/2017

ANSI/ASTM E1751-2017, Guide for Temperature Electromotive Force (emf) Tables for Non-Letter Designated Thermocouple Combinations (new standard): 12/26/2017

ANSI/ASTM E2181-2017, Specification for Compacted Mineral-Insulated, Metal-Sheathed, Noble Metal Thermocouples and Thermocouple Cable (new standard): 12/26/2017

ANSI/ASTM E2730-2017, Practice for Calibration and Use of Thermocouple Reference Junction Probes in Evaluation of Electronic Reference Junction Compensation Circuits (new standard): 12/26/2017

ANSI/ASTM E2820-2017, Test Method for Evaluating Thermal EMF Properties of Base-Metal Thermocouple Connectors (new standard): 12/26/2017

ANSI/ASTM E2846-2017, Guide for Thermocouple Verification (new standard): 12/26/2017

ANSI/ASTM F645-2018, Guide for Selection, Design, and Installation of Thermoplastic Water-Pressure Piping Systems (new standard): 1/1/2018

ANSI/ASTM F1047-2017, Specification for Frying and Braising Pans, Tilting Type (new standard): 12/26/2017

ANSI/ASTM F3248-2017, Method for Determining Vertical Deformation and Area Deflection of Area Elastic, Point Elastic, Combined Elastic and Mixed Elastic Sport and Dance Surfaces (new standard): 12/26/2017

Reaffirmation

ANSI/ASTM D6783-2005 (R2017), Specification for Polymer Concrete Pipe (reaffirmation of ANSI/ASTM D6783-2005 (R2011)): 12/26/2017

ANSI/ASTM F952-2012 (R2017), Specification for Mixing Machines, Food, Electric (reaffirmation of ANSI/ASTM F952-2012): 12/26/2017

ANSI/ASTM F1015-2003 (R2017), Test Method for Relative Abrasiveness of Synthetic Turf Playing Surfaces (reaffirmation of ANSI/ASTM F1015-2003 (R2009)): 12/26/2017

ANSI/ASTM F1126-2012 (R2017), Specification for Food Cutters (Electric) (reaffirmation of ANSI/ASTM F1126-2012): 12/26/2017

ANSI/ASTM F1145-1992 (R2017), Specification for Turnbuckles, Swaged, Welded, Forged (reaffirmation of ANSI/ASTM F1145-1992 (R2011)): 12/26/2017

ANSI/ASTM F1363-2007 (R2017), Guide for Reduction of Risk of Injury for Archery Overdraws (reaffirmation of ANSI/ASTM F1363 -2007 (R2011)): 12/26/2017

ANSI/ASTM F1436-2011 (R2017), Guide for Center Serving Diameter Dimensions for Archery Bow Strings (reaffirmation of ANSI/ASTM F1436-2011): 12/26/2017

ANSI/ASTM F1544-2011 (R2017), Specification for Determining the Rating Velocities of a Compound Archery Bow (reaffirmation of ANSI/ASTM F1544-2011): 12/26/2017

ANSI/ASTM F1551-2009 (R2017), Test Methods for Comprehensive Characterization of Synthetic Turf Playing Surfaces and Materials (reaffirmation of ANSI/ASTM F1551-2009): 12/26/2017

ANSI/ASTM F1568-2012 (R2017), Specification for Food Processors, Electric (reaffirmation of ANSI/ASTM F1568-2012): 12/26/2017

ANSI/ASTM F1832-2007 (R2017), Test Method for Determining the Force-Draw and Let-Down Curves for Archery Bows (reaffirmation of ANSI/ASTM F1832-2007 (R2011)): 12/26/2017

ANSI/ASTM F1966-2012 (R2017), Specification for Dough Divider and Rounding Machines (reaffirmation of ANSI/ASTM F1966-2012): 12/26/2017

ANSI/ASTM F2045-2000 (R2018), Specification for Indicators, Sight, Liquid Level, Direct and Indirect Reading, Tubular Glass/Plastic (reaffirmation of ANSI/ASTM F2045-2000 (R2011)): 1/1/2018

ANSI/ASTM F2192-2005 (R2017), Test Method for Determining and Reporting the Berthing Energy and Reaction of Marine Fenders (reaffirmation of ANSI/ASTM F2192-2005 (R2011)): 12/26/2017

Revision

ANSI/ASTM D1494-2017, Test Method for Diffuse Light Transmission Factor of Reinforced Plastics Panels (revision of ANSI/ASTM D1494 -2012): 12/26/2017

ANSI/ASTM D1655-2018, Specification for Aviation Turbine Fuels (revision of ANSI/ASTM D1655-2016b): 1/1/2018

ANSI/ASTM D2517-2018, Specification for Reinforced Epoxy Resin Gas Pressure Pipe and Fittings (revision of ANSI/ASTM D2517 -2006 (R2011)): 1/1/2018

ANSI/ASTM D4054-2017, Practice for Qualification and Approval of New Aviation Turbine Fuels and Fuel Additives (revision of ANSI/ASTM D4054-2016): 12/26/2017

ANSI/ASTM D4551-2017, Specification for Poly(Vinyl Chloride) (PVC) Plastic Flexible Concealed Water-Containment Membrane (revision of ANSI/ASTM D4551-2012): 12/26/2017

ANSI/ASTM D6299-2017, Practice for Applying Statistical Quality Assurance and Control Charting Techniques to Evaluate Analytical Measurement System Performance (revision of ANSI/ASTM D6299 -2017): 12/26/2017

ANSI/ASTM D7445-2018, Specification for Rigid Poly(Vinyl Chloride) (PVC) Siding with Foam Plastic Backing (Backed Vinyl Siding) (revision of ANSI/ASTM D7445-2017): 1/1/2018

ANSI/ASTM D7566-2017, Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons (revision of ANSI/ASTM D7566-2017): 12/26/2017

ANSI/ASTM D7826-2017, Guide for Evaluation of New Aviation Gasolines and New Aviation Gasoline Additives (revision of ANSI/ASTM D7826-2017): 12/26/2017

ANSI/ASTM D7960-2017, Specification for Unleaded Aviation Gasoline Test Fuel Containing a Non-hydrocarbon Component (revision of ANSI/ASTM D7960-2016): 12/26/2017

ANSI/ASTM E648-2017, Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source (revision of ANSI/ASTM E648-2017): 12/26/2017

ANSI/ASTM E2280-2017, Guide for Fire Hazard Assessment of the Effect of Upholstered Seating Furniture Within Patient Rooms of Health Care Facilities (revision of ANSI/ASTM E2280-2013): 12/26/2017

ANSI/ASTM F857-2017, Specification for Hot Water and Chemical Sanitizing Commercial Dishwashing Machines, Stationary Rack Type (revision of ANSI/ASTM F857-2012): 12/26/2017

ANSI/ASTM F1097-2017, Specification for Mortar, Refractory (High-Temperature, Air-Setting) (revision of ANSI/ASTM F1097-1991 (R2012)): 12/26/2017

ANSI/ASTM F2216-2017, Specification for Selectorized Strength Equipment (revision of ANSI/ASTM F2216-2017): 12/26/2017

ANSI/ASTM F2275-2017, Practice for Treestand Manufacturer Quality Assurance Program (revision of ANSI/ASTM F2275-2010 (R2014)): 12/26/2017

ANSI/ASTM F2277-2017a, Test Methods for Evaluating Design and Performance Characteristics of Selectorized Strength Equipment (revision of ANSI/ASTM F2277-2017): 12/26/2017

ANSI/ASTM F2510-2017a, Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures and Corrugated High Density Polyethylene Drainage Pipes (revision of ANSI/ASTM F2510-2017): 12/26/2017

Withdrawal

ANSI/ASTM F1332-1999 (R2011), Practice for Use of SI (Metric) Units in Maritime Applications (Committee F25 Supplement to IEEE/ASTM SI 10) (withdrawal of ANSI/ASTM F1332-1999 (R2011)): 12/26/2017

ANSI/ASTM F2121-2013, Practice for Treestand Labels (withdrawal of ANSI/ASTM F2121-2013): 12/26/2017

ANSI/ASTM F2122-2013, Practice for Treestand Safety Devices (withdrawal of ANSI/ASTM F2122-2013): 12/26/2017

ANSI/ASTM F2124-2013, Practice for Testing Treestand Ladder, Tripod Stand and Climbing Stick Load Capacity (withdrawal of ANSI/ASTM F2124-2013): 12/26/2017

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

ANSI/ATIS 0600016-2018, Remote End POTS Splitter Requirements (revision of ANSI ATIS 0600016-2008 (R2013)): 1/17/2018

CTA (Consumer Technology Association)

Stabilized Maintenance

* ANSI/CTA 931-C-2007 (S2018), Remote Control Command Pass-Through Standard for Home Networking (stabilized maintenance of ANSI/CTA 931-C-2007 (R2012)): 1/17/2018

ECIA (Electronic Components Industry Association)

New National Adoption

ANSI/EIA 61078-2018, Reliability Block Diagrams (identical national adoption of IEC 61078:2016): 1/17/2018

Revision

ANSI/EIA 364-09D-2018, Durability Test Procedure for Electrical Connectors and Contacts (revision and redesignation of ANSI/EIA 364-09C-1999 (R2012)): 1/17/2018

ITI (INCITS) (InterNational Committee for Information Technology Standards)

Reaffirmation

INCITS 462-2010/AM1-2012 [R2017], Information technology - Fibre Channel - Backbone - 5 (FC-BB-5) - Amendment 1 (reaffirmation of INCITS 462-2010/AM1-2012): 1/17/2018

NFPA (National Fire Protection Association)

Revision

ANSI/NFPA 51-2017, Standard for the Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting, and Allied Processes (revision of ANSI/NFPA 51-2018): 8/11/2016

ANSI/NFPA 111-2018, Standard on Stored Electrical Energy Emergency and Standby Power Systems (revision of ANSI/NFPA 111-2015): 1/13/2018

ANSI/NFPA 140-2018, Standard on Motion Picture and Television Production Studio Soundstages, Approved Production Facilities, and Production Locations (revision of ANSI/NFPA 140-2012): 4/23/2017

ANSI/NFPA 170-2018, Standard for Fire Safety and Emergency Symbols (revision of ANSI/NFPA 170-2014): 4/23/2017

ANSI/NFPA 290-2018, Standard for Fire Testing of Passive Protection Materials for Use on LP-Gas Containers (revision of ANSI/NFPA 290-2012): 8/18/2017

ANSI/NFPA 424-2017, Guide for Airport/Community Emergency Planning (revision of ANSI/NFPA 424-2018): 12/1/2016

ANSI/NFPA 505-2018, Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations (revision of ANSI/NFPA 505-2012): 8/18/2017

ANSI/NFPA 610-2017, Guide for Emergency and Safety Operations at Motorsports Venues (revision of ANSI/NFPA 610-2013): 12/2/2017

ANSI/NFPA 1122-2017, Code for Model Rocketry (revision of ANSI/NFPA 1122-2012): 10/30/2016

ANSI/NFPA 1127-2017, Code for High Power Rocketry (revision of ANSI/NFPA 1127-2013): 10/30/2016

ANSI/NFPA 1194-2017, Standard for Recreational Vehicle Parks and Campgrounds (revision of ANSI/NFPA 1194-2013): 9/11/2016

ANSI/NFPA 1982-2017, Standard on Personal Alert Safety Systems (PASS) (revision of ANSI/NFPA 1982-2012): 12/26/2017

NSF (NSF International)

Revision

* ANSI/NSF 8-2018 (i11r1), Commercial Powered Food Preparation Equipment (revision of ANSI/NSF 8-2012): 1/12/2018

* ANSI/NSF 359-2018 (i4r1), Valves for Crosslinked Polyethelene (PEX) Water Distribution Tubing Systems (revision of ANSI/NSF 359 -2016): 1/12/2018

SCTE (Society of Cable Telecommunications Engineers)

Revision

ANSI/SCTE 77-2017, Specifications for Underground Enclosure Integrity (revision of ANSI/SCTE 77-2013): 1/17/2018

ANSI/SCTE 78-2017, Test Method for Transfer Impedance (revision of ANSI/SCTE 78-2012): 1/17/2018

ANSI/SCTE 92-2017, Specification for 5/8-24 Plug, (Male), Trunk & Distribution Connectors (revision of ANSI/SCTE 92-2012): 1/17/2018

TIA (Telecommunications Industry Association)

New Standard

ANSI/TIA 5050-2018, Telecommunications, Communications Products, Receive Volume Control Requirements for Wireless (Mobile) Devices (new standard): 1/17/2018

Revision

ANSI/TIA 470.110-E-2018, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Analog Telephones with Handsets (revision and redesignation of ANSI/TIA 470.110-D -2014): 1/17/2018

ANSI/TIA 4953-B-2018, Telecommunications - Communications Products - Amplified Telephone Measurement Procedures and Performance Requirements (revision and redesignation of ANSI/TIA 4953-A-2015): 1/17/2018

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 5085-1-2013 (R2018), Standard for Safety for Low Voltage Transformers - Part 1: General Requirements (reaffirmation of ANSI/UL 5085-1-2013): 1/17/2018

Revision

* ANSI/UL 1191-2018, Standard for Components for Personal Flotation Devices (revision of ANSI/UL 1191-2013): 1/16/2018

* ANSI/UL 1191-2018a, Standard for Components for Personal Flotation Devices (revision of ANSI/UL 1191-2013): 1/16/2018

ANSI/UL 4248-12-2018, Standard for Safety for Fuseholders - Part 12: Class R (revision of ANSI/UL 4248-12-2007 (R2012)): 1/19/2018

Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers (ASD) of the initiation and scope of activities expected to result in new or revised American National Standards (ANS). Early notification of activity intended to reaffirm or withdraw an ANS and in some instances a PINS related to a national adoption is optional. The mechanism by which such notification is given is referred to as the PINS process. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards.

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. Use the following Public Document Library url to access PDF & EXCEL reports of approved & proposed ANS.
List of Approved and Proposed ANS

Directly and materially affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

ANS (American Nuclear Society)

Contact: Kathryn Murdoch, (708) 579-8268, kmurdoch@ans.org

BSR/ANS 30.3-201x, Advanced Light-Water Reactor Risk-Informed Performance-Based Design Criteria and Methods (new standard)

Stakeholders: Advanced LWR reactor vendor (irrespective of reactor size or number).

Project Need: A standard providing details, including advanced LWR-specific examples, is needed by reactor vendors developing and licensing advanced LWRs in the United States. There are a number of reasons why this standard is needed. The U.S. NRC's standard review plan (NUREG-0800) or existing American National Standards do not provide enough practical guidance for development and implementation of risk-informed performance-based (RIPB) design criteria and methods. There is a need for practical guidance in the areas of defense-indepth adequacy evaluations, licensing basis event selection, and SSC classification. Two in process standards, ANSI 30.1 and 30.2, can provide high-level technology-neutral guidance, but advanced LWR-specific practical guidance is needed such that reactor vendors can implement RIPB design criteria and methods with reasonable assurance that it will be acceptable to the NRC within the existing licensing framework with only minor exceptions.

This standard establishes requirements for using risk-informed, performance-based (RIPB) methods for advanced light water reactor (LWR) designs. RIPB methods are provided to ensure nuclear safety design practices are consistently applied to all new advanced LWR reactor technologies, specifically; high-level safety criteria selection, nuclear safety functions and margin, licensing-basis-event selection and acceptance criteria, equipment classification and categorization, defense-in-depth adequacy, and evaluating conformance with regulatory positions. The application of this standard to existing reactors is beyond the scope of this standard.

ASA (ASC S2) (Acoustical Society of America)

Contact: Neil Stremmel, (631) 390-0215, nstremmel@acousticalsociety.org

BSR ASA S2.25-201x, Guide for the Measurement, Reporting, and Evaluation of Hull and Superstructure Vibration in Ships (revision of ANSI ASA S2.25-2004 (R2014))

Stakeholders: Marine industry, military, naval engineering, ship building.

Project Need: A revision is needed to correct an existing error and identify new material.

Contains guidelines for limiting the hull and superstructure vibration of ships for the purposes of habitability and mechanical suitability. The mechanical suitability guidelines result in a suitable environment for installed equipment and preclude many major vibration problems, such as unbalance, misalignment, and other damage to the propulsion system. To obtain data to compare with the guidelines, this standard also specifies data acquisition and processing procedures.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Contact: Ambria Frazier, (410) 267-7707, Ambria.frazier@x9.org

* BSR X9.124-3-201x, Format Preserving Encryption of Financial Information - Part 3 (new standard)

Stakeholders: Banks, merchants, card networks, payment processors, other payment-process stakeholders, auditors, regulators, and other assessors.

Project Need: Ciphers in Format Preserving Encryption (FPE) modes are useful in situations where fixed-format data, such as Primary Account Numbers (PANs) or Social Security Numbers (SSNs), must be encrypted, but there is a requirement to limit changes to existing communication protocols, database schemata, or application code.

Standard X9.124 Parts 1-5 define requirements for using ciphers in Format Preserving Encryption (FPE) modes, and specify approved FPE modes. Using an FPE mode encrypts data strings of a specific length and character set into cipher-text of the same length using the same character set. X9.124 Part 3 will cover FF1 Feistel-Based Mode 1

BSR X9.124-4-201x, Format Preserving Encryption of Financial Information - Part 4 (new standard)

Stakeholders: Banks, merchants, card networks, payment processors, other payment-process stakeholders, auditors, regulators, and other assessors.

Project Need: Ciphers in Format Preserving Encryption (FPE) modes are useful in situations where fixed-format data, such as Primary Account Numbers (PANs) or Social Security Numbers (SSNs), must be encrypted, but there is a requirement to limit changes to existing communication protocols, database schemata, or application code.

Standard X9.124 Parts 1-5 define requirements for using ciphers in Format Preserving Encryption (FPE) modes, and specify approved FPE modes. Using an FPE mode encrypts data strings of a specific length and character set into cipher-text of the same length using the same character set. X9.124 Part 4 will cover FF1 Feistel-Based Mode 2

BSR X9.124-5-201x, Format Preserving Encryption of Financial Information - Part 5 (new standard)

Stakeholders: Banks, merchants, card networks, payment processors, other payment-process stakeholders, auditors, regulators, and other assessors.

Project Need: Ciphers in Format Preserving Encryption (FPE) modes are useful in situations where fixed-format data, such as Primary Account Numbers (PANs) or Social Security Numbers (SSNs), must be encrypted, but there is a requirement to limit changes to existing communication protocols, database schemata, or application code.

Standard X9.124 Parts 1-5 define requirements for using ciphers in Format Preserving Encryption (FPE) modes, and specify approved FPE modes. Using an FPE mode encrypts data strings of a specific length and character set into cipher-text of the same length using the same character set. X9.124 Part 5 will cover FF3, Feistel-Based Mode 3

ASME (American Society of Mechanical Engineers)

Contact: Mayra Santiago, (212) 591-8521, ansibox@asme.org

BSR/ASME B107.56-201x, Body Repair Tools (new standard)

Stakeholders: Manufacturers, consumers, and distributors.

Project Need: To create a standard that provides dimensional, performance and safety requirements for body repair tools to reflect state of the art.

The purpose this standard is to define dimensional and essential performance and safety requirements applicable to body repair hammers, dolly blocks, and spoons that are intended specifically for the reshaping of sheet metal panels normally found on bodies and fenders of motor vehicles.

BSR/ASME B107.400-201x, Striking Tools (new standard)

Stakeholders: Manufacturers, consumers, distributors.

Project Need: To create a standard that provides dimensional, performance and safety requirements for striking tools to reflect state of the art.

The purpose of B107.400 is to define dimensional and essential performance and safety requirements applicable to various striking tools (e.g., nail, bricklayers, and ball-peen hammers; hatchets and axes; prospecting picks; and riveting, scaling, and tinner's setting hammers).

AWS (American Welding Society)

Contact: Annik Babinski, (800) 443-9353, ababinski@aws.org

BSR/AWS D17.1/D17.1M-201x, Specification for Fusion Welding for Aerospace Applications (revision of ANSI/AWS D17.1/D17.1M-2017 - AMD1)

Stakeholders: The aerospace industry and all subcontractors will use this specification for welder certification, inspection, and acceptance of all welded aerospace production hardware.

Project Need: This revision will address specific issues that have developed since the original document was issued.

This specification provides the general welding requirements for welding aircraft and space hardware. It includes but is not limited to the fusion welding of aluminum-based, nickel-based, iron-based, cobalt-based, magnesium-based, and titanium-based alloys using electric arc and high-energy beam processes. There are requirements for welding design, personnel, and procedure qualification, inspection, and acceptance criteria for aerospace, support and non-flight hardware. Additional requirements cover repair welding of existing hardware. A commentary for the specification is included.

CSA (CSA Group)

Contact: Cathy Rake, (216) 524-4990 x88321, cathy.rake@csagroup.org

BSR/CSA Z21.11.2-201x, Gas-Fired Room Heaters, Volume II, Unvented Room Heaters (same as CSA Z21.11.2) (revision and redesignation of ANSI Z21.11.2 -2016)

Stakeholders: Consumers, manufacturers, gas suppliers, testing agencies.

Project Need: Revise the standard for safety.

Details test and examination criteria for unvented heaters for use with natural, manufactured, and mixed gases; liquefied propane gas; and LP gas-air mixtures. Such heaters are limited to maximum input ratings of 40,000 Btu per hour.

HL7 (Health Level Seven)

Contact: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org

BSR/HL7 EHR, R2.1-201x, HL7 Electronic Health Record System Functional Model, Release 2.1 (revision and redesignation of ANSI/HL7 EHR, R2-2014)

Stakeholders: Clinical and public health laboratories, immunization registries, quality reporting agencies, regulatory agency, standards development organizations (SDOs), payers.

Project Need: This project will update the EHR-S FM to ensure: (1) Close alignment with recent FHIR STU-3 and ISO 21089 updates; (2) Modernization of EHR system conformance requirements based on ongoing development of Functional Profiles; and (3) Close alignment with recent updates to Detailed Clinical Models, CLIM, and CIMI.

This will be an incremental update to existing Electronic Health Record System Functional Model (EHR-S FM) Release 2. This update will incorporate: (1) Changes to the Record Infrastructure Section to accommodate three additional record lifecycle events (verify, encrypt, decrypt) and ensure compatibility with FHIR STU-3 Record Lifecycle Event Implementation Guide (2017) and recent updates to ISO 21089, Trusted End-to-End Information Flow (2017); (2) Changes to the Glossary Section to support the full set of record lifecycle events (now 27 in total); (3) Previously identified updates included in the EHR-S FM R2.01 errata version; (4) Changes to the Conformance Chapter to align with characteristics and requirements of recent EHR-S FM R2 based Functional Profiles; (5) Domain analysis (models and artifacts) companion to EHR system development and implementation; and (6) Adding a header in the TI section on clinical model services (DCM, CIMI model, FHIR, HL7 template) comparable to TI.4 Standard Terminology and Terminology Services.

BSR/HL7 V3 SOA EPSSRVINT, R1-201x, HL7 Version 3 Standard: Unified Communication Service Interface, Release 1 - US Realm (new standard)

Stakeholders: Clinical and public health laboratories, immunization registries, quality reporting agencies, regulatory agency, standards development organizations (SDOs).

Project Need: A generalized Communication Service is needed that other services, systems, and applications can use to facilitate the coordinated delivery of clinical care, to request human tasks to be completed, and to provide a set of APIs to deliver alerts/recommendations using standardized and ubiquitous communication modalities. The field of Communication is undergoing one of the most significant revolutions in its history. Voice communications have evolved from analog to digital to voice over IP (VoIP). New systems for email, video conferencing, and instant messaging (IM) are being introduced every day. Integration of these separate systems into a unified, communications strategy is a priority for effectively communicating with patients in the near future.

The proposed Unified Communication Service is intended to complement existing SOA services and the SAIF Behavioural Framework (BF) for HL7. It will provide a Service Functional Model (SFM) for delivering alerts, recommendations, and other notifications using a variety of transport mechanisms to include email, SMS, VOIP or other communication channels. The service will provide for message routing and/or escalation to ensure that when the intended recipients are not available, appropriate surrogates can be notified and priority messages can be responded to in a timely manner. The interface specification will be developed according to the conventions described at http://hssp.wikispaces.com/HSSPApproach, and will be documented in a corresponding HSSP wiki.

BSR/HL7 V3 SOA UCRSVINT, R1-201x, HL7 Version 3 Standard: Event Publish & Subscribe Service Interface, Release 1 - US Realm (new standard)

Stakeholders: Clinical and public health laboratories, immunization registries, quality reporting agencies, regulatory agency, standards development organizations (SDOs).

Project Need: A generalized Event Publish & Subscribe Service is needed as a foundation for a wide variety of SOA applications, including new result feeds, content syndication, rich presence, clinical workflow systems, and any other application that requires event notifications to operate and perform efficiently. Publish and subscribe supports smaller, more loosely coupled modules, which promise to improve general manageability.

The proposed Event Publish and Subscribe Service is intended to complement existing SOA services and the SAIF Behavioural Framework (BF) for HL7. It will provide a Service Functional Model (SFM) for services, components and systems to subscribe to clinical events of interest and receive notice when new data are available. The service will support two common forms of filtering: topic-based and content-based. The interface specification will be developed according to the conventions described at http://hssp.wikispaces.com/HSSPApproach, and will be documented in a corresponding HSSP wiki.

HPS (ASC N43) (Health Physics Society)

Contact: Nancy Johnson, (703) 790-1745, nanjohns@verizon.net

BSR N43.7-201x, Safe Design and Use of Self-Contained, Dry Source Storage Irradiators (Category I) (new standard)

Stakeholders: Irradiator designers, manufacturers, end-users, regulators.

Project Need: This standard sets forth basic safety standards recommended in irradiator design and use. Its use by regulatory authorities, relative to the review of radionuclide applications, is encouraged. This standard is an industry consensus and does not take precedence over applicable federal or state regulations.

This standard applies to self-contained, dry source storage irradiators (Category I) that contain sealed gamma- or beta-emitting sources for the irradiation of objects or materials. The standard establishes criteria to be used in the proper design, fabrication, installation, use, and maintenance of these irradiators that will ensure a high degree of radiation safety. This standard applies to irradiator designs produced after the date of this publication. This standard is not a substitute for regulations. Nothing in this standard relieves persons from complying with applicable federal and state requirements governing the use of these irraditors or devices.

NEMA (ASC C8) (National Electrical Manufacturers Association)

Contact: Khaled Masri, (703) 841-3278, Khaled.Masri@nema.org

BSR ICEA T-31-610-201x, Test Method for Conducting Longitudinal Water Penetration Resistance Tests on Blocked Conductors (new standard)

Stakeholders: Manufacturers; users and testing laboratories of cables.

Project Need: Revision of current standard needed to be maintained.

This test method provides for qualification and production test procedures for determining the effectiveness of water blocking components incorporated into the interstices of the stranded and insulated conductor as an impediment to longitudinal water penetration into the conductor. Cables qualified under previous editions of T-31-610 do not need to be retested.

BSR ICEA T-34-664-201x, Test Method for Conducting Longitudinal Water Penetration Resistance Tests on Longitudinal Water Blocked Cables (revision of ANSI ICEA T-34-664-2014)

Stakeholders: Manufacturers; users and testing laboratories of cables.

Project Need: Revision of current standard needed to be maintained.

This test method provides for qualification and production test procedures for determining the effectiveness of non-metallic water barriers incorporated in a cable construction which are designed as an impediment to longitudinal water penetration along the cable interstices.

NENA (National Emergency Number Association)

Contact: Roger Hixson, (202) 618-4405, rhixson@nena.org

BSR/NENA STA-006.2-201X, NENA Standard for NG9-1-1 GIS Data Model (new standard)

Stakeholders: Local, state & federal GIS & mapping data authorities in the USA and Canada. 9-1-1 Authorities at County, regional, and state levels, GIS & mapping industry developers and vendors.

Project Need: Standardize all GIS applications within NG9-1-1 Core Services, which data consistency also affects mapping services.

This work will review and add to the current NENA standards for NG9-1-1 GIS Data and build on existing work related to migration to the required standardized formats and stewardship practices required for NG9-1-1 to operate seamlessly and be interoperable with all agencies and responders across the US and Canada.

NFPA (National Fire Protection Association)

Contact: Dawn Michele Bellis, (617) 984-7246, dbellis@nfpa.org

BSR/NFPA 1891-201x, Standard on Selection, Care, and Maintenance of Hazardous Materials Clothing and Equipment (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, labor, research and testing, enforcer, insurance, consumers, special experts.

Project Need: Public interest and need.

This standard shall specify the minimum requirements for the selection, care, and maintenance of hazardous materials and CBRN protective ensembles, ensemble elements, and clothing that are used for protection during hazardous materials emergencies and CBRN terrorism incidents. This standard shall also specify requirements for hazardous materials and CBRN protective ensembles, ensemble elements, and clothing manufactured to previous editions of NFPA 1991, Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies and CBRN Terrorism Incidents; NFPA 1992, Standard on Liquid Splash-Protective Ensembles and Clothing for Hazardous Materials Emergencies; NFPA 1994, Standard on Protective Ensembles For Hazardous Materials Emergencies and CBRN Terrorism Incidents; and NFPA 1999, Standard on Protective Clothing and Ensembles for Emergency Medical Operations.

NSF (NSF International)

Contact: Jessica Slomka, (734) 214-6219, jslomka@nsf.org

BSR/NSF 487-201x, Electronic Products Sustainability Standard - Common Criteria (new standard)

Stakeholders: Industry, users, and public health/regulatory.

Project Need: Increased awareness and procurement programs are emerging in the IT sector requiring conformance with a variety of sustainability criteria. This project is needed to attain a consensus standard on what constitutes sustainability leadership across electronic products in the IT sector in order to promote harmonization, where possible.

This is a sustainability leadership standard for the IT sector. This Standard addresses common criteria across the IT sector and addresses sustainability attributes and performance areas such as end-of-life management; life cycle assessments and carbon footprinting; manufacturing chemicals and energy management; use of renewable energy; corporate reporting and public disclosure; conflict minerals; and corporate social responsibility.

American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provides two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.7.1) and continuous maintenance (see clause 4.7.2). Continuous maintenance is defined as follows:

The standard shall be maintained by an accredited standards developer. A documented program for periodic publication of revisions shall be established by the standards developer. Processing of these revisions shall be in accordance with these procedures. The published standard shall include a clear statement of the intent to consider requests for change and information on the submittal of such requests. Procedures shall be established for timely, documented consensus action on each request for change and no portion of the standard shall be excluded from the revision process. In the event that no revisions are issued for a period of four years, action to reaffirm or withdraw the standard shall be taken in accordance with the procedures contained in the ANSI Essential Requirements.

The Executive Standards Council (ExSC) has determined that for standards maintained under the Continuous Maintenance option, separate PINS announcements are not required. The following ANSI Accredited Standards Developers have formally registered standards under the Continuous Maintenance option

- **AAMI (Association for the Advancement of Medical Instrumentation)**
- **AARST (American Association of Radon Scientists and Technologists)**
- **AGA (American Gas Association)**
- **AGSC-AGRSS (Auto Glass Safety Council)**
- **ASC X9 (Accredited Standards Committee X9, Incorporated)**
- **ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**
- **ASME (American Society of Mechanical Engineers)**
- **ASTM (ASTM International)**
- **GBI (Green Building Initiative)**
- **HL7 (Health Level Seven)**
- **IES (Illuminating Engineering Society)**
- **MHI (Material Handling Industry)**
- **NAHBRC (NAHB Research Center, Inc.)**
- **NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)**
- **NCPDP (National Council for Prescription Drug Programs)**
- **NEMA (National Electrical Manufacturers Association)**
- **NISO (National Information Standards Organization)**
- **NSF (NSF International)**
- **PRCA (Professional Ropes Course Association)**
- **RESNET (Residential Energy Services Network, Inc.)**
- **SAE (SAE International)**
- **TCNA (Tile Council of North America)**
- **TIA (Telecommunications Industry Association)**
- **UL (Underwriters Laboratories, Inc.)**

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit ANSI Online at www.ansi.org/asd, select "Standards Activities," click on "Public Review and Comment" and "American National Standards Maintained Under Continuous Maintenance." This information is also available directly at www.ansi.org/publicreview

Alternatively, you may contact the Procedures & Standards Administration department (PSA) at psa@ansi.org or via fax at 212-840-2298. If you request that information be provided via E-mail, please include your E-mail address; if you request that information be provided via fax, please include your fax number. Thank you.

ANSI-Accredited Standards Developers Contact Information

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment and Final Actions. This section is a list of developers who have submitted standards for this issue of *Standards Action* – it is not intended to be a list of all ANSI-Accredited Standards Developers. Please send all address corrections to Standards Action Editor at standact@ansi.org.

AAMI
Association for the Advancement of Medical Instrumentation
4301 N. Fairfax Dr., Suite 301
Arlington, VA 22203
Phone: (703) 253-8284
Fax: (703) 276-0793
Web: www.aami.org

ACCT
Association for Challenge Course Technology
P.O. Box 47
Deerfield, IL 60015
Phone: (800) 991-0286 Ext 913
Fax: (800) 991-0287
Web: www.acctinfo.org

AGMA
American Gear Manufacturers Association
1001 N Fairfax Street, 5th Floor
Alexandria, VA 22314-1587
Phone: (703) 684-0211
Web: www.agma.org

AISC
American Institute of Steel Construction
130 E. Randolph Street
Suite 2000
Chicago, IL 60601-6204
Phone: (312) 670-5410
Fax: (312) 986-9022
Web: www.aisc.org

AISI
American Iron and Steel Institute
25 Massachusetts Avenue, NW
Suite 800
Washington, DC 20001
Phone: (202) 452-7100
Fax: (202) 452-1039
Web: www.steel.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526
Phone: (708) 579-8268
Fax: (708) 579-8248
Web: www.ans.org

ASA (ASC S2)
Acoustical Society of America
1305 Walt Whitman Road Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 923-2875
Web: www.acousticalsociety.org

ASA (ASC S3)
Acoustical Society of America
1305 Walt Whitman Road Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 923-2875
Web: www.acousticalsociety.org

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
Saint Joseph, MI 49085
Phone: (269) 932-7015
Fax: (269) 429-3852
Web: www.asabe.org

ASC X9
Accredited Standards Committee X9, Incorporated
275 West Street
Suite 107
Annapolis, MD 21401
Phone: (410) 267-7707
Web: www.x9.org

ASME
American Society of Mechanical Engineers
Two Park Avenue
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

ASSE (ASC A10)
American Society of Safety Engineers
520 N. Northwest Hwy.
Park Ridge, IL 60068
Phone: (847) 768-3475
Fax: (847) 768-3475
Web: www.asse.org

ASTM
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9744
Fax: (610) 834-3683
Web: www.astm.org

ATIS
Alliance for Telecommunications Industry Solutions
1200 G Street NW
Suite 500
Washington, DC 20005
Phone: (202) 434-8840
Web: www.atis.org

AWS
American Welding Society
8669 NW 36th Street, #130
Miami, Florida 33166-6672
Phone: (800) 443-9353
Fax: (305) 443-5951
Web: www.aws.org

CSA
CSA Group
8501 East Pleasant Valley Rd.
Cleveland, OH 44131
Phone: (216) 524-4990 x88321
Fax: (216) 520-8979
Web: www.csa-america.org

CTA
Consumer Technology Association
1919 South Eads Street
Arlington, VA 22202
Phone: (703) 907-7697
Fax: (703) 907-4197
Web: www.cta.tech

ECIA
Electronic Components Industry Association
2214 Rock Hill Road
Suite 265
Herndon, VA 20170-4212
Phone: (571) 323-0294
Fax: (571) 323-0245
Web: www.ecianow.org

ESTA
Entertainment Services and Technology Association
630 Ninth Avenue
Suite 609
New York, NY 10036-3748
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.esta.org

GTESS
Georgia Tech Energy & Sustainability Services
75 Fifth Street N.W
Suite 300
Atlanta, GA 30308
Phone: (404) 407-6404
Fax: (404) 894-8194
Web: www.innovate.gatech.edu

HL7
Health Level Seven
3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
Phone: (734) 677-7777
Fax: (734) 677-6622
Web: www.hl7.org

HPS (ASC N43)
Health Physics Society
1313 Dolley Madison Blvd #402
McLean, VA 22101
Phone: (703) 790-1745
Fax: (703) 790-2672
Web: www.hps.org

IIAR
International Institute of Ammonia Refrigeration
1001 North Fairfax Street
Alexandria, VA 22314
Phone: (703) 312-4200
Fax: (703) 312-0065
Web: www.iiar.org

ISEA
International Safety Equipment Association
1901 North Moore Street
Suite 808
Arlington, VA 22209
Phone: (703) 525-1695
Fax: (703) 525-1698
Web: www.safetyequipment.org

ITI (INCITS)
InterNational Committee for Information Technology Standards
1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 626-5737
Web: www.incits.org

NEMA (ASC C8)
National Electrical Manufacturers Association
1300 North 17th Street
Rosslyn, VA 22209
Phone: (703) 841-3278
Fax: (703) 841-3398
Web: www.nema.org

NENA
National Emergency Number Association
1700 Diagonal Road
Suite 500
Alexandria, VA 22314
Phone: (202) 618-4405
Web: www.nena.org

NFPA
National Fire Protection Association
One Batterymarch Park
Quincy, MA 02169
Phone: (617) 984-7246
Web: www.nfpa.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 214-6219
Web: www.nsf.org

SCTE
Society of Cable Telecommunications Engineers
140 Philips Road
Exton, PA 19341-1318
Phone: (484) 252-2330
Web: www.scte.org

TAPPI
Technical Association of the Pulp and Paper Industry
15 Technology Parkway South
Peachtree Corners, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

TIA
Telecommunications Industry Association

1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

47173 Benicia Street
Fremont, CA 94538
Phone: (510) 319-4271
Web: www.ul.com

ISO & IEC Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) are considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to ISO and IEC members for comment and vote. Standards Action readers interested in reviewing and commenting on these documents should order copies from ANSI.

Comments

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); comments on ISO documents must be submitted electronically in the approved ISO template and as a Word document as other formats will not be accepted.

Those regarding IEC documents should be sent to Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices (tzertuche@ansi.org). The final date for offering comments is listed after each draft.

Ordering Instructions

ISO and IEC Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO or IEC Draft to Customer Service at sales@ansi.org. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

ISO Standards

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 21785, Air cargo unit load devices - Load distribution model - 2/8/2018, $46.00

ISO/DIS 21894, Air cargo - Cargo stopper devices - Design and testing - 4/13/2018, $46.00

DENTISTRY (TC 106)

ISO/DIS 4049, Dentistry - Polymer-based restorative materials - 4/13/2018, $93.00

ISO/DIS 3630-1, Dentistry - Endodontic instruments - Part 1: General requirements - 4/14/2018, $82.00

ERGONOMICS (TC 159)

ISO/DIS 9241-500, Ergonomics of human-system interaction - Part 500: Ergonomic principles for the design and evaluation of environments of interactive systems - 4/13/2018, $46.00

FASTENERS (TC 2)

ISO/DIS 3269, Fasteners - Acceptance inspection - 4/13/2018, $46.00

FLOOR COVERINGS (TC 219)

ISO/DIS 10581, Resilient floor coverings - Homogeneous poly(vinyl chloride) floor covering - Specifications - 2/11/2018, $46.00

FLUID POWER SYSTEMS (TC 131)

ISO 19973-2/DAmd1, Pneumatic fluid power - Assessment of component reliability by testing - Part 2: Directional control valves - Amendment 1 - 2/8/2018, $46.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 13653, Optics and photonics - General optical test methods - Measurement of relative irradiance in the image field - 4/13/2018, $67.00

REFRIGERATION (TC 86)

ISO 16358-1/DAmd1, Air-cooled air conditioners and air-to-air heat pumps - Testing and calculating methods for seasonal performance factors - Part 1: Cooling seasonal performance factor - Amendment 1 - 4/16/2018, $107.00

ROAD VEHICLES (TC 22)

ISO/DIS 2575, Road vehicles - Symbols for controls, indicators and tell-tales - 4/13/2018, $165.00

ISO/DIS 22241-4, Diesel engines - NOx reduction agent AUS 32 - Part 4: Refilling interface - 4/13/2018, $58.00

ISO/DIS 22241-5, Diesel engines - NOx reduction agent AUS 32 - Part 5: Refilling interface for passenger cars - 4/13/2018, $67.00

ROLLING BEARINGS (TC 4)

ISO/DIS 3030, Rolling bearings - Radial needle roller and cage assemblies - Boundary dimensions, geometrical product specifications (GPS) and tolerance values - 4/13/2018, $46.00

ISO/DIS 3031, Rolling bearings - Thrust needle roller and cage assemblies, thrust washers - Boundary dimensions, geometrical product specifications (GPS) and tolerance values - 4/13/2018, $53.00

ROUND STEEL LINK CHAINS, CHAIN SLINGS, COMPONENTS AND ACCESSORIES (TC 111)

ISO/DIS 1835, Short link chain for lifting purposes - Grade M(4), non-calibrated, for chain slings, etc. - 11/5/2013, $67.00

SAFETY OF MACHINERY (TC 199)

ISO/DIS 20607, Safety of machinery - Instruction handbook - General drafting principles - 2/11/2018, $93.00

SAFETY OF TOYS (TC 181)

ISO 8124-3/DAmd2, Safety of toys - Part 3: Migration of certain elements - Amendment 2 - 2/11/2018, $29.00

ISO 8124-4/DAmd2, Safety of toys - Part 4: Swings, slides and similar activity toys for indoor and outdoor family domestic use - Amendment 2 - 2/10/2018, $29.00

ISO/DIS 8124-10, Safety of toys - Part 10: Experimental sets for chemistry and related activities - 2/10/2018, $82.00

ISO/DIS 8124-11, Safety of toys - Part 11: Chemical toys (sets) other than experimental sets - 2/10/2018, $134.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 20661, Ships and marine technology - Cutter suction dredger supervisory and control system - 2/12/2018, $40.00

ISO/DIS 20662, Ships and marine technology - Hopper dredger supervisory and control system - 2/12/2018, $67.00

ISO/DIS 20663, Ships and marine technology - Grab dredger supervisory and control system - 2/12/2018, $53.00

ISO/DIS 21125, Ships and marine technology - Marine cranes - Manufacturing requirements - 4/13/2018, $46.00

ISO/DIS 21130, Ships and marine technology - Major components of emergency towing arrangements - 4/13/2018, $67.00

ISO/DIS 21131, Ships and marine technology - Marine cranes - Noise control requirements and measuring method - 4/16/2018, $40.00

ISO/DIS 21132, Ships and marine technology - Marine cranes - Operation and maintenance requirements - 4/13/2018, $40.00

ISO/DIS 3715-1, Ships and marine technology - Propulsion plants for ships - Part 1: Vocabulary for geometry of propellers - 2/12/2018, $71.00

ISO/DIS 11336-2, Large yachts - Strength, weathertightness and watertightness of glazed openings - Part 2: Glazed opening integrated into adjacent structure, (elastically bonded to bulkhead or shell), design criteria, structural support, installation and testing - 2/11/2018, $102.00

ISO/DIS 11336-3, Large yachts - Strength, weathertightness and watertightness of glazed openings - Part 3: Quality assurance, installation and in-service inspection - 2/11/2018, $112.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO/DIS 10810, Surface chemical analysis - X-ray photoelectron spectroscopy - Guidelines for analysis - 4/13/2018, $98.00

SUSTAINABLE NON-SEWERED SANITATION SYSTEMS (TC 305)

ISO/DIS 30500, Non-sewered sanitation systems - Prefabricated integrated treatment units - General safety and performance requirements for design and testing - 2/12/2018, $155.00

TEXTILES (TC 38)

ISO/DIS 9092, Nonwoven - Definition - 2/11/2018, $33.00

ISO/DIS 1833-20, Textiles - Quantitative chemical analysis - Part 20: Mixtures of elastane with certain other fibres (method using dimethylacetamide) - 4/13/2018, $33.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 5718/DAmd1, Harvesting equipment - Blades for agricultural rotary mowers - Requirements - Amendment 1 - 4/13/2018, $40.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 20524-1, Intelligent transport systems - Geographic Data Files (GDF) - GDF5.1 - Part 1: Application independent map data shared between multiple sources - 2/11/2018, $335.00

VACUUM TECHNOLOGY (TC 112)

ISO/DIS 21360-3, Vacuum technology - Standard methods for measuring vacuum pump performance - Part 3: Specific parameters for mechanical booster vacuum pumps - 4/13/2018, $62.00

WATER QUALITY (TC 147)

ISO/DIS 12010, Water quality - Determination of short-chain polychlorinated alkanes (SCCP) in water - Method using gas chromatography-mass spectrometry (GC-MS) and negative-ion chemical ionization (NCI) - 2/11/2018, $107.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 13818-1/DAmd10, Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Amendment 10: Carriage of timed metadata for media orchestration (MORE) and sample variants over MPEG-2 TS - 2/9/2018, $33.00

ISO/IEC 13818-1/DAmd11, Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Amendment 11: Carriage of HEVC Tiles over MPEG-2 Systems - 2/10/2018, $67.00

ISO/IEC 14496-3/DAmd7, Information technology - Coding of audio-visual objects - Part 3: Audio - Amendment 7: SBR Enhancements - 2/8/2018, $46.00

ISO/IEC 14496-5/DAmd43, Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 43: New levels of ALS simple profile, SBR enhancements - 2/8/2018, $29.00

ISO/IEC 18033-3/DAmd1, Information technology - Security techniques - Encryption algorithms - Part 3: Block ciphers - Amendment 1: Kuznyechik - 4/13/2018, $46.00

ISO/IEC 23003-4/DAmd4, Information technology - MPEG audio technologies - Part 4: Dynamic Range Control - Amendment 4: Profiles and levels - 2/8/2018, $53.00

ISO/IEC 14496-26/DAmd5, Information technology - Coding of audio-visual objects - Part 26: Audio conformance - Amendment 5: Conformance for new levels of ALS simple profile, SBR enhancements - 2/8/2018, $33.00

ISO/IEC 23008-11/DAmd1, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 11: MPEG media transport composition information - Amendment 1: Customization in composition information - 2/11/2018, $29.00

ISO/IEC DIS 19896-3, Information technology - Security techniques - Competence requirements for information security testers and evaluators - Part 3: Knowledge, skills and effectiveness requirements for ISO/IEC 15408 evaluators - 2/11/2018, $98.00

ISO/IEC DIS 23005-1, Information technology - Media context and control - Part 1: Architecture - 2/9/2018, $134.00

ISO/IEC DIS 14496-22, Information technology - Coding of audio-visual objects - Part 22: Open Font Format - 2/11/2018, $301.00

ISO/IEC DIS 23001-12, Information technology - MPEG systems technologies - Part 12: Sample variants - 2/10/2018, $93.00

ISO/IEC DIS 23001-14, Information technology - MPEG systems technologies - Part 14: Partial file format - 2/10/2018, $67.00

IEC Standards

1/2354/CDV, IEC 60050-485 ED1: International Electrotechnical Vocabulary - Part 485: Fuel cell technologies, 2018/4/13

8/1482/NP, PNW TS 8-1482: IEC/TS 62786-2 - Distributed energy resources connection with the grid - Part 2 Additional requirements for PV generation, 2018/2/16

8/1483/NP, PNW TS 8-1483: IEC/TS 62786-3 - Distributed energy resources connection with the grid - Part 3 Additional requirements for Stationary Battery Energy Storage System, 2018/2/16

20/1783A/FDIS, IEC 60331-2 ED2: Tests for electric cables under fire conditions - Circuit integrity - Part 2: Test method for fire with shock at a temperature of at least 830°C for cables of rated voltage up to and including 0,6/1,0 kV and with an overall diameter not exceeding 20mm, 018/3/2/

20/1781A/FDIS, IEC 60331-1 ED2: Tests for electric cables under fire conditions - Circuit integrity - Part 1: Test method for fire with shock at a temperature of at least 830°C for cables of rated voltage up to and including 0,6/1,0 kV and with an overall diameter exceeding 20 mm, 018/3/2/

20/1782A/FDIS, IEC 60331-3 ED2: Tests for electric cables under fire conditions - Circuit integrity - Part 3: Test method for fire with shock at a temperature of at least 830°C for cables of rated voltage up to and including 0,6/1,0 kV tested in a metal enclosure, 018/3/2/

27/1057/CD, IEC 63078 ED1: Installations for electroheating and electromagnetic processing - Test methods for induction through-heating installations, 2018/4/13

32B/673/CDV, IEC 60269-6/AMD1 ED1: Low-voltage fuses - Part 6: Supplementary requirements for fuse-links for the protection of solar photovoltaic energy systems, 2018/4/13

34B/1960/CD, IEC 60838-1/AMD2 ED5: Miscellaneous lampholders - Part 1: General requirements and tests, 2018/4/13

34B/1959/CD, IEC 60400/AMD1 ED8: Lampholders for tubular fluorescent lamps and starterholders, 2018/4/13

34C/1382/CD, IEC 62384 ED2: DC or AC supplied electronic control gear for LED modules - Performance requirements, 2018/4/13

40/2579/CDV, IEC 60384-21 ED3: Fixed capacitors for use in electronic equipment - Part 21: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1, 2018/4/13

40/2580/CDV, IEC 60384-22 ED3: Fixed capacitors for use in electronic equipment - Part 22: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2, 2018/4/13

40/2588/CD, IEC 60115-1 ED5: Fixed resistors for use in electronic equipment - Part 1: Generic specification, 2018/4/13

44/803/FDIS, IEC 62046 ED3: Safety of machinery - Application of protective equipment to detect the presence of persons, 018/3/2/

45/842/CDV, IEC 63047 ED1: Nuclear instrumentation - Data format for list-mode digital data acquisition used in radiation detection and measurement, 2018/4/13

45B/886/CDV, IEC 62244 ED2: Radiation protection instrumentation - Installed radiation portal monitors (RPMs) for the detection of illicit trafficking of radioactive and nuclear materials, 2018/4/13

46C/1093/CDV, IEC 61156-11: Multicore and symmetrical pair/quad cables for digital communications - Part 11: Symmetrical single pair cables with transmission characteristics up to 600 MHz - horizontal floor wiring - Sectional specification, 2018/4/13

47/2458/NP, PNW 47-2458: Long-term storage of electronic components - Part 7: Micro-electromechanical devices, 2018/4/13

47/2459/NP, PNW 47-2459: Long-term storage of electronic components - Part 8: Passive electronic devices, 2018/4/13

47/2448/CDV, IEC 63150-1 ED1: Semiconductor devices - Measurement and evaluation methods of kinetic energy harvesting devices under practical vibration environment - Part 1: Arbitrary and random mechanical vibrations, 2018/4/13

48B/2619/CDV, IEC 61076-3-124/Ed1: Connectors for electronic equipment - Product requirements - Part 3-124: Rectangular connectors - Detail specification for 10-way, shielded, free and fixed rectangular connectors for I/O and data transmission capability with frequencies up to 500 MHz, 2018/4/13

48D/664/FDIS, IEC 62610-2 ED1: Mechanical structures for electrical and electronic equipment - Thermal management for cabinets in accordance with IEC 60297 and IEC 60917 series - Part 2: Method for the determination of forced air cooling structure, 018/3/2/

55/1638/NP, PNW 55-1638: IEC 60851-7: Winding wires - Test methods - Part 7: Electrical endurance under high frequency voltage impulses, 2018/4/13

57/1955/FDIS, IEC 62325-451-6 ED2: Framework for energy market communications - Part 451-6: Publication of information on market, contextual and assembly models for European-style markets, 018/3/2/

57/1954/FDIS, IEC 61970-302 ED1: Energy Management System Application Program Interface (EMS-API) - Part 302: Common information model (CIM) dynamics, 018/3/2/

61/5589/CDV, IEC 60335-2-116 ED1: Household and similar electrical appliances - Safety - Part 2-116: Particular requirements for furniture with electrically motorized parts, 2018/4/13

62A/1241/CD, IEC 60601-1-8/AMD2 ED2: Amendment 2 - Medical electrical equipment - Part 1-8: General requirements for basic safety and essential performance - Collateral Standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems, 2018/3/16

62B/1076/CD, IEC 60336 ED5: Medical electrical equipment - X-ray tube assemblies for medical diagnosis - Characteristics of focal spots, 2018/3/16

64/2259/CD, IEC 60364-4-43 Ed. 4: Low-voltage electrical installations - Part 4-43: Protection for safety - Protection against overcurrent, 2018/5/11

65B/1111/DTR, IEC TR 63176 ED1: Process analysis technology systems as part of process control safety equipment, 2018/3/16

65B/1110/FDIS, IEC 62828-3 ED1: Reference conditions and procedures for testing industrial and process measurement transmitters - Part 3: Specific procedures for temperature transmitters, 018/3/2/

78/1205/FDIS, IEC 61482-2 ED2: Live working - Protective clothing against the thermal hazards of an electric arc - Part 2: Requirements, 018/3/2/

80/879/FDIS, IEC 61162-460 ED2: Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 460: Multiple talkers and multiple listeners - Ethernet interconnection - Safety and security, 018/3/2/

82/1390/CD, IEC TS 63019 ED1: Information model for availability of photovoltaic (PV) power systems, 2018/4/13

95/375(F)/CDV, IEC 60255-181 ED1: Measuring relays and protection equipment - Part 181: Functional requirements for frequency protection, 2018/3/30

107/325/DTR, IEC TR 62240-2 ED1: Process management for avionics - Electronic components capability in operation - Part 2: Semiconductor microcircuit lifetime, 2018/3/16

107/320/CDV, IEC 62239-1 ED1: Process management for avionics - Management plan - Part 1: Preparation and maintenance of an electronic components management plan, 2018/4/13

110/950/NP, PNW 110-950: Future 63145-20-10: Eyewear display - Part 20-10: Fundamental measurement methods for optical properties, 2018/3/16

110/949/CD, IEC 62906-5-6 ED1: Laser display devices - Part 5-6: Measuring methods for optical performance of screens, 2018/4/13

114/244A/CD, IEC TS 62600-2 ED2: Marine energy - Wave, tidal and other water current converters - Part 2: Design requirements for marine energy systems, 018/3/9/

114/249/DC, Proposed revision of IEC TS 62600-201 ED1 - Proposed transition of AHG 7, Tidal energy resource assessment and characterization, into a MT, 2018/3/16

116/359/CDV, IEC 62841-3-7 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-7: Particular requirements for transportable wall saws, 2018/4/13

122/54/CD, IEC TS 63042-201 ED1: UHV AC transmission systems: Part 201: UHV AC substation design, 2018/3/16

CIS/A/1244/FDIS, CISPR 16-1-1/ISH1 ED4: Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus, 018/3/2/

CIS/D/441/DC, Maintenance of CISPR 25, 018/3/2/

JTC1-SC41/26/NP, PNW JTC1-SC41-26: Information technology - Sensor network system architecture for power substations, 2018/4/13

Newly Published ISO & IEC Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization – and IEC – the International Electrotechnical Commission. Most are available at the ANSI Electronic Standards Store (ESS) at www.ansi.org. All paper copies are available from Standards resellers (http://webstore.ansi.org/faq.aspx#resellers)..

ISO Standards

BIOTECHNOLOGY (TC 276)

ISO 20391-1:2018, Biotechnology - Cell counting - Part 1: General guidance on cell counting methods, $103.00

GRAPHIC TECHNOLOGY (TC 130)

ISO 17972-4:2018, Graphic technology - Colour data exchange format (CxF/X) - Part 4: Spot colour characterisation data (CxF/X-4), $103.00

IMPLANTS FOR SURGERY (TC 150)

ISO 19090:2018, Tissue-engineered medical products - Bioactive ceramics - Method to measure cell migration in porous materials, $162.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO 20247:2018, Information and documentation - International library item identifier (ILII), $45.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO 6743-6:2018, Lubricants, industrial oils and related products (class L) - Classification - Part 6: Family C (gear systems), $68.00

ISO 12925-1:2018, Lubricants, industrial oils and related products (class L) - Family C (gears) - Part 1: Specifications for lubricants for enclosed gear systems, $185.00

PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)

ISO 4065:2018, Thermoplastics pipes - Universal wall thickness table, $68.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23000-16:2018, Information technology - Multimedia application format (MPEG-A) - Part 16: Publish/Subscribe Application Format, $162.00

ISO/IEC 23000-19:2018, Information technology - Multimedia application format (MPEG-A) - Part 19: Common media application format (CMAF) for segmented media, $232.00

OTHER

ISO/IEC 80079-20-1:2018, Explosive atmospheres - Part 20-1: Material characteristics for gas and vapour classification - Test methods and data, $232.00

IEC Standards

SAFETY OF HAND-HELD MOTOR-OPERATED ELECTRIC TOOLS (TC 116)

IEC 62841-2-11 Ed. 1.1 b:2018, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-11: Particular requirements for hand-held reciprocating saws, $235.00

IEC 62841-2-11 Amd.1 Ed. 1.0 en:2018, Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-11: Particular requirements for hand-held reciprocating saws, $12.00

SURGE ARRESTERS (TC 37)

IEC 60099-5 Ed. 3.0 en:2018, Surge arresters - Part 5: Selection and application recommendations, $410.00

S+ IEC 60099-5 Ed. 3.0 en:2018 (Redline version), Surge arresters - Part 5: Selection and application recommendations, $534.00

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations notified by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to notify proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat issues and makes available these notifications. The purpose of the notification requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The USA Inquiry Point for the WTO TBT Agreement is located at the National Institute of Standards and Technology (NIST) in the Standards Coordination Office (SCO). The Inquiry Point distributes the notified proposed foreign technical regulations (notifications) and makes the associated full-texts available to U.S. stakeholders via its online service, Notify U.S. Interested U.S. parties can register with Notify U.S. to receive e-mail alerts when notifications are added from countries and industry sectors of interest to them.

To register for Notify U.S., please visit http://www.nist.gov/notifyus/.

The USA WTO TBT Inquiry Point is the official channel for distributing U.S. comments to the network of WTO TBT Enquiry Points around the world. U.S. business contacts interested in commenting on the notifications are asked to review the comment guidance available on Notify U.S. at https://tsapps.nist.gov/notifyus/data/guidance/guidance.cfm prior to submitting comments.

For further information about the USA TBT Inquiry Point, please visit: https://www.nist.gov/standardsgov/what-we-do/trade-regulatory-programs/usa-wto-tbt-inquiry-point

Contact the USA TBT Inquiry Point at:(301) 975-2918; Fax: (301) 926-1559; E-mail: usatbtep@nist.gov or notifyus@nist.gov.

Information Concerning

American National Standards

Call for Members

INCITS Executive Board – ANSI Accredited SDO and US TAG to ISO/IEC JTC 1, Information Technology

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum of choice for information technology developers, producers and users for the creation and maintenance of formal de jure IT standards. INCITS' mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.

The INCITS Executive Board serves as the consensus body with oversight of its 40+ Technical Committees. Additionally, the INCITS Executive Board has the international leadership role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

Membership in the INCITS Executive Board is open to all directly and materially affected parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, contact Jennifer Garner at jgarner@itic.org or visit http://www.incits.org/participation/membership-info for more information.

Membership in all interest categories is always welcome; however, the INCITS Executive Board seeks to broaden its membership base in the following categories:

- Service Providers
- Users
- Standards Development Organizations and Consortia
- Academic Institutions

Society of Cable Telecommunications

ANSI Accredited Standards Developer

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its AN consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.

Membership in the SCTE Standards Program is open to all directly ad materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at www.scte.org or by e-mail from standards@scte.org.

ANS Title Change

ANSI/GBI 01

The title of ANSI/GBI 01-2010 has been changed from: "Green Building Assessment Protocol for Commercial Buildings" to "Green Globes Assessment Protocol for Commercial Buildings" A (revision of ANSI/GBI 01-2010) was recently listed in the Call for Comment section with a 12/18/2017 deadline. Inquiries may be directed to Maria Woodbury, (207) 807-8666, comment@thegbi.org.

ANSI Accredited Standards Developer

Approval of Reaccreditation

National Electrical Contractors Association (NECA)

The reaccreditation of the National Electrical Contractors Association (NECA), an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on NECA-sponsored American National Standards, effective January 22, 2018. For additional information, please contact: Ms. Aga Golriz, NECA Administrator, Standards & Safety, National Electrical Contactors Association, 3 Bethesda Metro Center, Suite 1100, Bethesda, MD 20814; phone: 301.215.4549; e-mail: aga.golriz@necanet.org.

SAE International

ANSI's Executive Standards Council has approved the reaccreditation of SAE International, an ANSI Member and Accredited Standards Developer, under its recently revised SAE TSB Governance Policy for documenting consensus on SAE International-sponsored American National Standards, effective January 24, 2018. For additional information, please contact: Mr. Jack Pokrzywa, Director, Global Ground Vehicle Standards, SAE International, 755 Big Beaver Road, Suite 1600, Troy, MI 48084; phone: 248.273.2455; e-mail: Jack.Pokrzywa@sae.org.

ANSI Accreditation Program for Greenhouse Gas Validation/Verification Bodies

Voluntary Withdrawal of Accreditation

Rainforest Alliance, Inc.

Comment Deadline: February 26, 2018

In accordance with the following ISO standards: ISO 14065:2013 Greenhouse gases - Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

Rainforest Alliance, Inc.
Laura Terrall
65 Millet St., Suite 201
Richmond, VT 05477
Phone: (802) 434-8700
E-mail: lterrall@ra.org

On December 1, 2017, ANSI's Accreditation Program for Greenhouse Gas Validation/Verification Bodies accepted a request by Rainforest Alliance, Inc. to voluntarily withdraw its accreditation for the following:

Activity and Scope:

Validation of assertions related to GHG emission reductions & removals at the project level:

03. Land Use and Forestry

Verification of assertions related to GHG emission reductions and removals at the project level:

03. Land Use and Forestry

Please send your comments by February 26, 2018 to Ann Howard, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: ahoward@ansi.org.

U.S. Technical Advisory Groups

Applications for Accreditation

U.S. TAG to a New ISO Project Committee on Water Efficient Products – Banding

Comment Deadline: February 26, 2018

In accordance with clause 2.4 of the ANSI International Procedures, the International Association of Plumbing and Mechanical Officials (IAPMO) and the International Code Council (ICC) have submitted two separate applications for accreditation of a proposed U.S. Technical Advisory Group (TAG) to a new ISO Project Committee on Water Efficient Products - Banding and a request for approval as TAG Administrator. Both applications have indicated each respective TAG's intent to operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

To obtain copies of the TAG applications and/or to offer comments, please contact:

Mr. Mike Pfeiffer
Senior Vice-President, Technical Services
International Code Council
4501 West Flossmoor Road
Country Club Hills, IL 60478
Phone: 888.422.7233, ext. 4388
E-mail: mpfeiffer@iccsafe.org

Mr. Peter DeMarco
Executive Vice-President of Advocacy and Research
IAPMO
4755 E. Philadelphia Street
Ontario, CA 91761
Phone: 732.329.1237
E-mail: pete.demarco@iapmo.org

Please submit any comments on either or both applications directly to the applicant (with a copy the ExSC Recording Secretary in ANSI's New York Office (jthompso@ansi.org)) by February 26, 2018.

Approval of TAG Reaccreditations

TC 43 – Acoustics, and TC 108 – Mechanical Vibration, Shock and Condition Monitoring

The reaccreditations of the following US TAGs to ISO Technical Committees and Subcommittees have been approved at the direction of the ANSI Executive Standards Council, under recently revised operating procedures and with the Acoustical Society of America (ASA) continuing as TAG Administrator, effective January 19, 2018:

TC 43, Acoustics

TC 43/SC 1, Noise

TC 43/SC 3, Underwater acoustics

TC 108, Mechanical vibration, shock and condition monitoring

TC 108/SC 2, Measurement and evaluation of mechanical vibration and shock as applied to machines, vehicles and structures

TC 108/SC 4, Human exposure to mechanical vibration and shock

TC 108/SC 5, Condition monitoring and diagnostics of machine systems

For additional information, please contact: Mr. Neil Stremmel, ASA Standards Manager, Acoustical Society of America, 1305 Walt Whitman Road, Suite 300, Melville, NY 11747; phone: 631.390.0215; e-mail: nstremmel@acousticalsociety.org.

Reaccreditation

U.S. TAG to ISO TC 171/SC 2 – Document File Formats, EDMS Systems and Authenticity of Information

Comment Deadline: February 26, 2018

The U.S. Technical Advisory Group (TAG) to ISO Technical Committee 171/SC 2, Document file formats, EDMS systems and authenticity of information has submitted to ANSI revisions to the procedures under which it was originally accredited in 2017. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact the TAG Administrator to the US TAG to ISO/TC 171/SC 2: Ms. Betsy Fanning, CIP, Director of Standards, 3D PDF Consortium, 3855 SW 153rd Drive, Pace, FL 32571; phone: 571.218.9817; e-mail: betsy.fanning@3dpdfconsortium.org . You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to 3D PDF Consortium by February 26, 2018, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

Additional Changes to AISI S908-xx as the Second Public Review:
*(**Note**: the first public review was conducted during November 17, 2017 - January 1, 2018. Anyone interested those changes can contact Helen Chen at hchen@steel.org)*

The following additional changes are to be made to

AISI S908-xx, Test Standard for Determining the Flexural Strength Reduction Factor of Purlins Supporting a Standing Seam Roof System:

1. Revise Item 1.4 as follows:

   1.4 The Base Test Method is applicable to both "rib" or "pan" type standing seam roof panels ~~with "sliding" or "fixed" type clips~~.

2. Delete the following definitions:

   ~~*Fixed Clip*. A hold-down clip which does not allow the roof panel to move independently of the roof substructure.~~

   ~~*Sliding Clip*. A hold-down clip which allows the roof panel to move independently of the roof substructure.~~

3. Add the following as the second to the last paragraph in the Commentary:

The rate of increase of pressure should be regulated so that the failure load can be determined accurately.

NSF/ANSI 50 – 2016

Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities

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2 Definitions

Secondary Disinfection: Units that demonstrate a 3-log (99.9%) or greater reduction or inactivation of *Cryptosporidium parvum* in a single pass when tested in accordance to 14.18.2.

Supplemental Disinfection: Units that demonstrate a 3-log (99.9%) or greater reduction of *Pseudomonas aeruginosa* and *Enterococcus faecium* when tested according to Annex H.1.

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13.1 General

Ozone generation process equipment covered by this section is intended for the secondary and supplemental disinfection of the water in the circulation system of public and residential recreational water facilities, including but are not limited to: pools, and spas/hot tubs, therapy pools, and interactive aquatic play features. Since these products are not intended to produce residual levels of disinfectant within the body of water, an EPA registered disinfecting chemical shall be added to impart a measurable residual. The measurable residual disinfecting chemical shall be easily and accurately measured by a water quality device certified to section 19.

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13.19 Disinfection efficacy

Process equipment designed for ~~secondary~~ supplemental disinfection such as copper and/or silver ion generators, ozone and ultraviolet light equipment shall demonstrate a 3-log (99.9%) or greater inactivation of influent bacteria when tested according to Annex H.1.

~~Ozone systems claiming~~ Process equipment designed for secondary disinfection such as copper and/or silver ion generators, ozone and ultraviolet light equipment shall demonstrate a 3-log (99.9%) or greater reduction of *Cryptospordium parvum* ~~shall be~~ when tested and evaluated according to 13.20.

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13.23 Data plate

Data plate(s) shall be permanent; easy to read; and securely attached, cast, or stamped onto the unit at a location readily accessible after normal installation. Data plate(s) shall contain the following:

– manufacturer's name and contact information (address, phone number, website, or prime supplier);

– model number;

– serial number or date of manufacture;

– certification mark of the ANSI-Accredited testing and certification organization;

– electrical requirements (volts, amps, hertz) for operation;

– type of feed-gas;

– rated feed-gas flow rate (SCFH and/or LPM);

– rated ozone production (grams/hour and/or lb/day);

– method of cooling and coolant flow rates;

~~– level of disinfection certification (Level 1 or Level 2);~~

– maximum daily operation time (if not designed for continuous operation); and

– caution statements (prominently displayed) including a statement that the unit ~~is designed for supplemental disinfection and~~ should be used with registered or approved disinfection chemicals to impart required residual concentrations; and

– a statement identifying if the unit is suitable for supplemental disinfection or ~~validated~~ for secondary disinfection.

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14.1 General

UV light process equipment covered by this section is intended for ~~use in~~ the secondary and supplemental treatment ~~of circulation systems~~ of public and residential swimming pools and spas/hot tubs. Since these products are not intended to produce residual levels of disinfectant within the body of the swimming pool or spa, these products are intended for use with appropriate residual levels of EPA registered disinfecting chemicals. Specific residual levels of EPA registered disinfecting chemicals may be required by the regulatory agency having authority. The residual chemical shall be easily and accurately measureable by a field test kit.

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14.7 Data Plate

Data plate shall be permanent; easy to read; and securely attached, cast, or stamped onto the unit at a location readily accessible after normal installation. Data plate(s) shall contain the following:

– equipment name and function(s);
– manufacturer's name and contact information (address, phone number, website, or prime supplier);

– model number designation;

– electrical requirements for operational volts, amps, and Hertz of the unit;

– serial number or year of construction;

– maximum rated operating pressure in kPa (psi);

– prominently displayed caution statement: "UV light is harmful to eyes and exposed skin; turn off electrical supply before opening unit.";

– caution statement that the unit ~~is designed for supplemental disinfection and~~ should be used with registered or approved disinfection chemicals to impart required residual concentrations;

– model and number of UV lamp(s);

– maximum daily operation time (if not designed for continuous operation); and

– maximum design flow rate in gallons/minute (liters/minute); and

– a statement identifying if the unit is suitable for supplemental disinfection or ~~validated~~ for secondary disinfection.

14.8 Disinfection Efficacy

Process equipment designed for supplemental disinfection such as copper and/or silver ion generators, ozone and ultraviolet light equipment shall demonstrate a 3-log (99.9%) or greater inactivation of influent bacteria when tested according to Annex H.1.

~~UV systems claiming chlorine resistant organism treatment such as *Cryptosporidium parvum* inactivation shall be evaluated according to 14.18.~~

Process equipment designed for secondary disinfection such as ozone and ultraviolet light equipment shall demonstrate a 3-log (99.9%) or greater inactivation of *Cryptospordium parvum* when tested and evaluated according to 14.18.

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Annex H

H.1 Disinfection efficacy of ~~secondary~~ supplemental disinfection equipment

H.1.1 Purpose

The purpose of this test is to determine the disinfection efficacy of process equipment designed for ~~secondary~~ supplemental disinfection for swimming pools and spa/hot tubs.

Tracking number 61i138r1 **Revision to NSF/ANSI 61 – 2017**
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[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard
for Drinking Water System Components – Health Effects

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8 Mechanical devices

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8.4 In-line devices, components, and materials

Samples for the testing of in-line devices, components, and materials (see 8.1) shall be selected according to the requirements of Annex B, sections B.2.3 and B.4.1. Extraction waters shall be selected according to Annex B, section B.2.5. In-line product samples shall be conditioned as indicated in Annex B, section B.4.3. After conditioning, the samples shall be exposed as indicated in Annex B, section B.4.4.1 and Table B.8. Normalization shall be as specified in Annex B, sections B.8.3 and B.8.4, as applicable.

8.4.1 Brass or bronze containing in-line devices

The evaluation of brass or bronze containing in-line devices for contaminants other than lead shall require exposure of at least one sample in accordance with 8.4.

The evaluation of brass or bronze containing in-line devices for lead under the ~~pH 10~~ conditions below shall be exposed in at least triplicate (more if specified by the manufacturer) if the test representative holds less than or equal to 2 L and has a dry weight less than or equal to 15 kg (33 lbs). If specified by the manufacturer, the test representative that holds more than 2 L, or has a dry weight in excess of 15 kg (33 lbs) may also be exposed in a quantity greater than 1.

- When the exposure water selection is per table B3a, the pH 10 condition shall be exposed in triplicate.
- When the exposure water selection is per table B3b, the pH 8 condition shall be exposed in triplicate.

The extraction waters from triplicate exposures shall be either combined to one sample for all contaminant analysis or shall be analyzed individually and results averaged. If more than three samples are exposed, the waters from each sample shall be analyzed individually for lead and results averaged. Averaging of results shall be performed prior to normalization. When one or more of the individual results is found to be non-detectable, the reporting limit shall be used to represent the unit results when averaging.

The normalized average result for lead shall be less than or equal to the TAC (5 ug/L). In addition, the normalized lead results of individual units exposed shall not exceed 15 ug/L.

> NOTE — With this procedure, the average result is used when determining compliance with the standard for all contaminants. It also assures no individual unit exposed exceeds the standards lead criteria in effect prior to July 1, 2012 for in-line devices (15 ug/L).

Reason: Language updated to require that samples be tested in triplicate per 2017 DWA JC meeting discussion on 11/30/18.

BSR/UL 62841-3-13, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 3-13: Particular Requirements For Transportable Drills

21.18.2.1 This subclause is not applicable.

NOTE In Europe (EN 62841-3-13), this subclause of Part 1 is applicable and the following requirement applies:

The tool shall not restart after an interruption of the mains supply without releasing and re-actuating the **power switch**.

21.18.2.1DV D2 ***Modification: Replace Clause 21.18.2.1 with the following:***

This subclause of the Part 1 is applicable, except as follows:

The tool shall not restart after an interruption of the mains supply without releasing and re-actuating the power switch unless the tool is equipped with a momentary power switch,
which cannot be locked in the "on" position.

BSR/UL 746A, Standard for Safety for Polymeric Materials – Short Term Property Evaluations

1. Inclusion of Sample Conditioning Requirement for Inclined Plane Tracking Test in Paragraph 26.3

26.3 The time-to-track 25.4 mm (1 inch) from the lower electrode is to be determined on 5 distinct specimens. A series of tests with the same sampled material shall start with a minimum test voltage of 1.0 kV and the voltage shall be increased in steps of 0.5 kV in order to identify the highest test voltage. A 3-sample repeat may be used for screening a test voltage. For test voltages between 1 kV and 5 kV, the test results are acceptable if the time-to-track for each specimen is above 60 min. For test voltages above 5 kV, the test results are acceptable if the time-to-track for each specimen is above 300 min. The highest test voltage is determined based on testing 5 sample repeats. All specimens are to be dried for a minimum of 24 hours after coating with silver paint. Coated specimens are to be conditioned for a minimum of 24 hours at 23 ±5°C and 50 ±10 percent RH before testing.

2. Revision of Requirements of the Microscale Combustion Calorimetry Test in Section 48A

48A.1 The test method for the determination of the flammability characteristics of insulating materials by Microscale Combustion Calorimetry is described in the Standard Test Method for Determining Flammability Characteristics of Plastics and Other Solid Materials Using Microscale Combustion Calorimetry, ASTM D 7309, Method A or Method B except:

a) The specimen is to be conditioned in a desiccator for at least 4 hours at room temperature to equilibrium weight.

b) The specimen is to be heated from 200 to 800°C (392 to 1472°F) at 0.8°C (1.4°F) per second in a dry air atmosphere.

c) The baseline oxygen concentration shall be 20% O_2 v/v and the oxygen concentration in the combustor shall be 20% O_2 v/v.

d) The combustor temperature shall be set to 900°C (1652°F).

48A.2 ASTM D 7309, Method B describes a method in which small pieces cut from a test specimen (pellets, powder, film, molded bars, etc.) are heated at a controlled rate in a partially oxidizing atmosphere to achieve controlled thermo-oxidative decomposition of the material. If Method A is used, the sample is heated at a controlled rate in a nitrogen atmosphere. The gases evolved during heating are continuously swept to a high temperature, oxygen-rich furnace in which they are totally oxidized. Specific combustion rate is then calculated by means of oxygen consumption. A plot of Heat Release Rate versus Temperature is generated to provide the material flammability characteristics.

BSR/UL 1206, Standard for Electric Commercial Clothes-Washing Equipment

1. Clarification of endurance cycles for control devices

PROPOSAL

20A.2.3 The minimum test parameters for the evaluation of an operating control to the Standard for Automatic Electrical Controls - Part 1: General Requirements, UL 60730-1 and any applicable Part 2 are specified in Table 20A.1.

Table 20A.1

Operating control correlation table

(See 20A.2)

Information	Operating control requirement
FMEA	Conduct a failure-mode and effect analysis (FMEA) to identify components the failure of which may result in a risk of fire or electric shock or injury to persons.
Operating ambient	Determined in accordance with Section 36, Temperature Test, of the appliance.
Endurance testing for electromechanical devices	6,000 cycles for temperature-regulating devices and other types of operating controls.
Overvoltage Category	Overvoltage Category II
Pollution degree	See 23A.4

20A.3.4 Controls that manage a SCF and that does not rely on software shall comply with the standards specified in 20A.3.2 except for Controls Using Software, H.11.12, in the Standard for Automatic Electrical Controls - Part 1: General Requirements, UL 60730-1. If software is relied upon to perform the protective control function, it shall be considered Software Class B as indicated in Table 20A.2.

Table 20A.2

Protective control correlation table

(See 20A.3)

Information	Protective control requirement
FMEA	Conduct a failure-mode and effect analysis (FMEA) identifying component failures which may result in a risk of fire, electric shock or injury and confirming the

	protective function continues to operate as intended.
Operating ambient	Determined in accordance with Section 36, Temperature Test, of the appliance
Endurance testing for electromechanical devices	a) 6, 000 cycles for controls as indicated in 20A.5, 20A.6, 20A.7, and for manual, non-self-resetting temperature-limiting devices, and other manual, non-self-resetting protective controls.
	b) 100,000 cycles, for automatic, self-resetting temperature-limiting controls, combination temperature-limiting and regulating controls, and other automatic, self-resetting protective controls
Overvoltage category	Overvoltage Category II
Pollution degree	See 23A.4
Radio-frequency electromagnetic field immunity to conducted disturbances	Test Level 3
Radio-frequency electromagnetic field immunity to radiated electromagnetic fields	Field strength of 3 V/m
Fast transient bursts	Test Level 3 applied for 1 minute in each polarity
Surge immunity	Installation Class 3
Electrostatic discharge	Severity Level 3
Thermal cycling for electronic devices	14 days, Assumed temperature range: 10.0 +2 °C to the operating ambient
Software class	Software Class B (See 20A.3.4)

BSR/UL 1240, Standard for Electric Commercial Clothes-Drying Equipment

1. Clarification of endurance cycles for control devices

PROPOSAL

20A.3.4 Controls that manage a SCF and that does not rely on software, shall comply with the standards specified in 20A.3.2 except for Controls Using Software, H.11.12, in the Standard for Automatic Electrical Controls - Part 1: General Requirements, UL 60730-1. If software is relied upon to perform the protective control function, it shall be considered Software Class B as indicated in Table 20A.2.

Table 20A.2

Protective control correlation table

(See 20A.3)

Information	Protective control requirement
FMEA	Conduct a failure-mode and effect analysis (FMEA) identifying component failures which may result in a risk of fire, electric shock or injury and confirming the protective function continues to operate as intended.
Operating ambient	Determined in accordance with Section 36, Temperature Test, of the appliance.
Endurance testing for electromechanical devices	a) 6, 000 cycles for controls as indicated in 20A.5, 20A.6, 20A.7, and for manual, non-self-resetting temperature-limiting devices (see 38.6), and other manual, non-self-resetting protective controls.
	b) 100,000 cycles, for automatic, self-resetting temperature-limiting controls, combination temperature-limiting and regulating controls, and other automatic, self-resetting protective controls (see 38.6)
Overvoltage category	Overvoltage Category II
Pollution degree	See 24A.4
Radio-frequency electromagnetic field immunity to conducted disturbances	Test Level 3
Radio-frequency electromagnetic field immunity to radiated electromagnetic fields	Field strength of 3 V/m
Fast transient bursts	Test Level 3 applied for 1 minute in each polarity
Surge immunity	Installation Class 3
Electrostatic discharge	Severity Level 3
Thermal cycling for electronic devices	14 days, Assumed temperature range: 10.0 +2 °C to the operating ambient
Software class	Software Class B (See 20A.3.4)